HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

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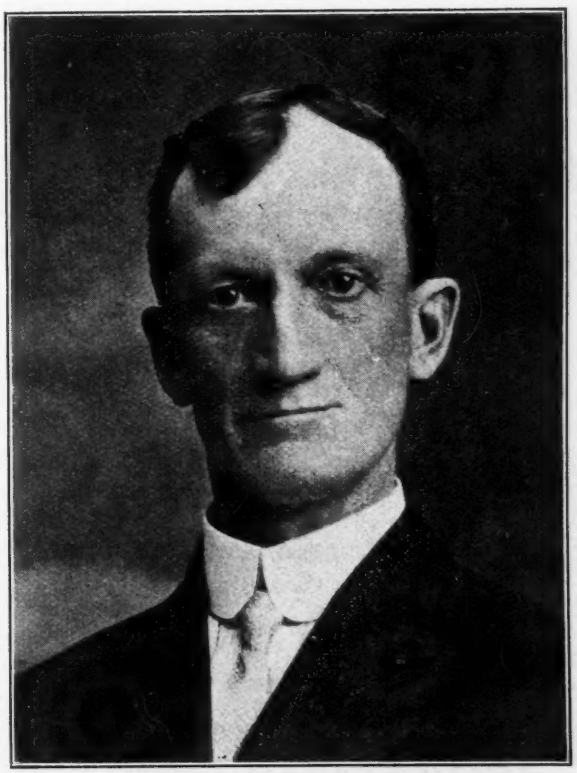

A. A. HARTSHORN, Hamilton, N. Y.
President Holstein-Friesian Association of America.

Six Thirty-Pound Records

made during the past two months by animals carrying the blood of Lillian Walker, Prilly and Clothilde Goudgeld Hugo.

KING OF THE BLACK AND WHITES combines the blood of these three great animals, and is the only bull whose seven nearest dams have records that average 31.04 lbs., and six of them 30-lb. cows.

His dam, Marion Walker Pietertje, is the only 31-lb. cow with a dam and both grandams with records better than 30 lb. each.

This combination of breeding is producing a higher percentage of large record cows than any combination of the breed.

Buy a bull that will sire large producing daughters rather than occasional freaks.

The bull having high record dams is many times surer to transmit their good qualities to his offspring than the one backed by a small number of great producers.

A. A. HARTSHORN HOLSTEIN CO.

HAMILTON, N. Y.

32.30		31.81
31.81	**ADMIRAL WALKER PIETERTJE**	31.23
31.63		30.45
35.22	**KING QUALITY**	31.39
31.39		30.50

Admiral Walker Pietertje with 3 30-lb. daughters and 3 31-lb. granddaughters is taking his place among the great sires of the breed.

King Quality's four nearest dams each have records greater than 30 lbs. of butter in seven days, making him one of the greatest bred young sires of the breed.

This combination of King Quality and the daughters of Admiral Walker Pietertje is producing a family of the very best breeding and individuality

King Quality is here to stay. We already have over 20 of his daughters. There will be many more as our herd numbers 200 head of Registered Holsteins, and all will be officially tested.

No females of this breeding are for sale , but we have for sale a few bulls ready for service. They have two sides to their pedigree and will make good. Write us about your needs in this line. We will be pleased to send charts and prices.

BONALEVO FARMS

R. E. CHAPIN & SON **Box C** **Batavia, N. Y.**

Our Third
CONSIGNMENT SALE
Registered Holsteins
180--Head--180
SYRACUSE N. Y.
March 10, 11, 1914

The Best Lot of Cattle
that has been offered for sale this year

All Consignments
personally inspected; none but good animals accepted.

All Animals
over six months of age tuberculin tested by veterinarians approved by the State Department

The Consignors are

STEVENS BROTHERS CO. - Liverpool, N. Y.
J. W. PRENTISS & SON - - Alstead, N. H.
E. C. BRILL - - - - Stewartsville, N. J.
J. H. WHITCOMB - - - Littleton, Mass.
D. E. CARLEY - - - - Manlius, N. Y.
ALLEN OWEN - - - - Goshen, N. Y.
S. R. CLARK - - - Onondaga Valley, N. Y.
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LEON MOORE - - - - Adams, N. Y.
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F. C. BERNING - - - Schenectady, N. Y.
W. H. MACE - - - . Cortland, N. Y.
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Sale held in the
NEW SALE PAVILION
Stop 22, Liverpool Trolley
For Catalog and other information address
Liverpool Sale & Pedigree Co.
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WATER IN THE STABLE A NECESSITY- - -

THE "BUCKLEY" Device
for watering stock is the leader. Why not use the best? Write to the manufacturers for a descriptive circular.
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Typewritten Pedigrees
On the best quality paper 9 1-2 x 14 with diagram
No. 2—14 ancestors Blue Book records (3 for $1.00), 35c.
No. 5—14 ancestors up to date pedigree in 2 colors, 75c.
Carbon copies, 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs address F. G. JOHNSTON, 37 W. Lane Ave., Columbus, Ohio.

HILLSIDE STOCK FARM
Offers for sale bull calf born July 28, 1913, a fine individual, three-fourths white. Dam, a daughter of Pontiac 4th. Sire, Sailor Boy Artis. Will sell this bull at a bargain.
STANTON OSTERHOUT
Cobleskill, N. Y.

PROSPECT HILL STOCK FARM
The two bulls advertised are sold, but have one left—eight months old and a dandy. Also one six-year-old cow, due to freshen by Sir Tirania Segis, his dam a 30-lb. daughter of De Kol Hengerveld Burke. She is a good one and right in every way. Tuberculin tested. tf.
H. T. FULLER Peru, N. Y.

THE STANLEY ENGRAVING CO.,
Designers
Photo-Engravers Zinc Etchers
Half tones, 3x4, at the low price of $1.50. Cuts that will run. Reference, this paper. Satisfaction guaranteed.
Library Bldg., Tioga St., Ithaca, N. Y.

BOND CENTURY FARM
Canastota, N. Y.
Grandsons of King of the Pontiacs, from A. R. O. dams for sale. Address
W. E. BOND, Potsdam, N. Y.
Or call at the farm, W. A. Hotchkiss, Manager.

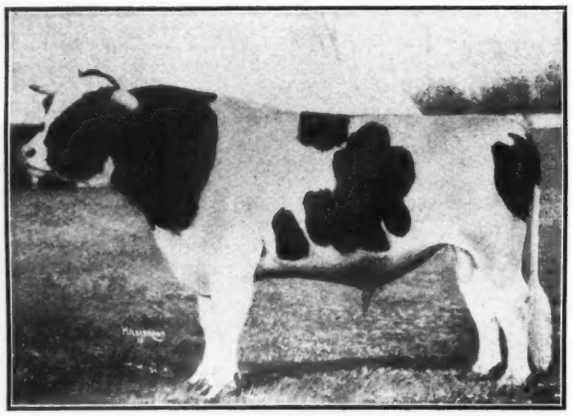
Another Good One
We have sold the bulls we advertised but now have another ROYAL BRED ONE by Maplecrest De Kol, full brother to the World's Champion 4-year-old and his dam is a producing daughter, with a good record, of Friend Hengerveld De Kol Butter Boy. This calf is good enough for any one. Write for pedigree.
Beach & Wirt - Battle Creek, Mich.

Orrville Herd
Will sell A. R. O. cows, and their sons and daughters.
Pontiacs—of course.
Write
A. HURSH Orrville, Ohio

PAUL CALAMO KORNDYKE 3d
—not only rivals his sire in conformation but also is producing showy record daughters. We would like to sell him now for breeding at about beef prices because we have little further use for him.
Particulars on application.
F. B. & W. P. SPRAGUE, Smyrna, N. Y.

The Two Great Herd Sires at Emblagaard

Colantha Johanna Champion 45674



Colantha Johanna Champion 45674

A SON OF
COLANTHA 4th's JOHANNA 48577, the most famous dairy cow of the world and the only cow to hold all the world's records at one time.

Butter, 7 days	35.22
Butter, 30 days	138.54
Butter, 60 days	269.50
Semi-official yearly record:	
Butter	1247.82
Milk	27432.50
Per cent fat	3.64

Dam of Colantha Johanna Lad, 60 A.R.O. daughters including three world's record heifers.

He was sired by SIR FAYNE CONCORDIA 35227, a son of Homestead Jr. De Kol and a full brother of Grace Fayne 2d's Homestead, 35.55 lbs in 7 days.

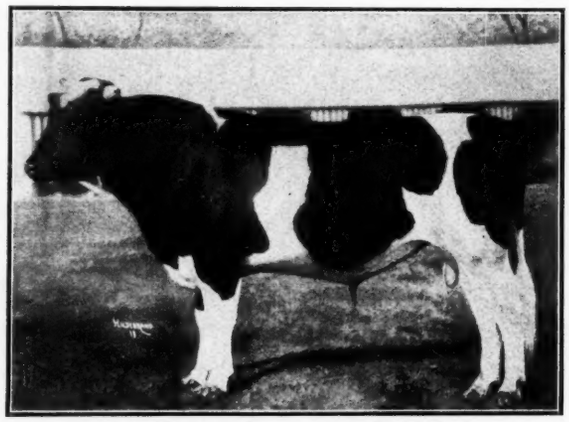
COLANTHA JOHANNA CHAMPION is the sire of 22 A. R. O. daughters including three 20 lb. junior two-year-olds, and the world's record heifer Woodcrest Colantha Pietje, the one year and eleven months old heifer that produced 20859.7 lbs. of milk and 799.52 lbs. of butter in one year. His sons are at the head of some of the greatest herds in America.

We are breeding him at Emblagaard to cows with yearly records of from 750 to 1,000 pounds of butter.

Calves backed by great yearly averages will result.

Emblagaard Prince 80596

The product of the most consistently productive breeding ever seen in an extended pedigree. He is a son of SEGIS WALKER PIETERTJE 111684 whose record at 3½ years is 27.85 lbs. of butter in seven days. She made three records averaging 26.42 lbs. before she was four years old, a world's record. She is a daughter of the great King Segis out of Ruby Walker Pietertje 30.21, a daughter of Lillian Walker Pietertje, 30.01, a daughter of Beauty Pietertje 30.51 in turn a daughter of the great transmitting cow Prilly. These five cows hold the world's record for four and five generations. Only one other family of the breed can show three generations of 30-lb. cows.



Emblagaard Prince 80596

The sire of Emblagaard Prince is KING COLANTHA CLOTHILDE 60403, a son of Abby Hartog Clothilde, (31.39 lbs.) by COLANTHA JOHANNA LAD, the son of Colantha 4th's Johanna, (35.22 lbs.) shown above.

All of the tested dams of Emblagaard Prince for 5 generations (12 out of 15) average 28.75 lbs. butter in 7 days. All of his daughters will be kept at Emblagaard and officially tested with first calf.

EMBLAGAARD DAIRY

BIG BAY - - - MICHIGAN

Holstein-Friesian World

Vol. XI LACONA, N. Y., FEBRUARY 14, 1914 No. 7

The Hamilton Stock Farm Herd

By M. S. Prescott

IT seems to be inherent in the nature of some men to make a success of whatever they undertake. Their less fortunate brethren look with wonder, and sometimes, we fear, with envy, upon their achievements, and try to make out how it ever happens.

The reasons, however, are not difficult to discern. In the first place, they get down to the basic principles underlying their business, and with the knowledge that comes from this study, they are able to act intelligently and to the best advantage. Of course, it goes without saying that energy and perseverence are also prime requisites. Andrew Carnegie has said, "Put all your eggs in one basket, and then watch that basket." The wisdom of this advice could be shown by innumerable instances, but the one in particular which we will consider is the case of Mr. A. A. Hartshorn, Hamilton, N.Y., as representative of the men who have achieved success by Mr. Carnegie's principle, as well as the one we stated above.

Mr. Hartshorn's early days were spent on his father's farm, where a herd of grade Jerseys was kept. When at a rather early age he married and went into business for himself, it was quite natural, therefore, for him to start in with Jerseys. He achieved quite a success with them locally, surpassing all the other patrons of the creamery. But the little cows were not quite satisfactory. So the next move was to enter the poultry business—pure bred barred rocks and white leghorns. Realizing that his progress in this line depended upon his getting a wide reputation, he started right in the first year with an exhibit at the great Madison Square Garden Show. Here he won second prize on a cockerel, but he was not content to rest on these laurels. Accordingly he secured a better one and exhibited at the same show the next year, carrying off first prize as well as numerous other awards. He then advertised extensivly, letting others know just what he had been doing and what he was in a position to offer. As a consequence, he began to reap a rich reward from his enterprise.

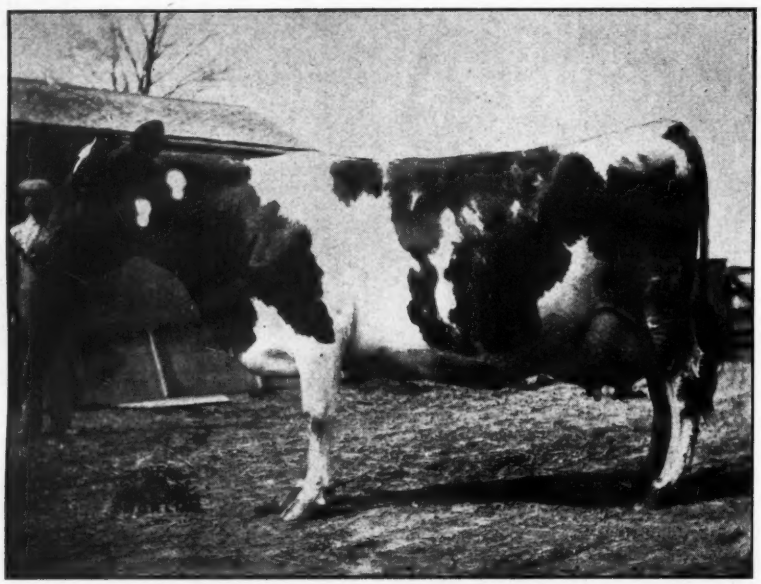
At about the time Mr. Hartshorn embarked in the poultry industry he purchased of Mr. A. F. Cole, Morrisville Station, N.Y., three 2-yr-old heifers, namely, Lillian Walker, his first choice in the trio, Annelida Belle and Sijtje Twisk 3d. The next year he went back and bought Prilly, and a little later Mary R. Pietertje. Prilly, Lillian Walker and Mary R. Pietertje proved superior to the other heifers and formed the foundation upon which the Hamilton Stock Farm herd has been built.

LILLIAN WALKER—Butter 24.04. One of the foundations on which was built the Hamilton Stock Farms Herd.

The Holsteins soon put the chickens out of business, and Mr. Hartshorn became a full-fledged Holstein man. At the time of her purchase, nearly eighteen years ago, Lillian Walker was carrying a calf by Inka Princess' Pietertje Pledge. She dropped a bull, which was named Lebanon Pietertje Prince, and who was retained in the Hartshorn herd. A. A., his brother, H. W. Hartshorn, and the father, together owned the bull Capitola Duke, their first purebred sire, and it was by him that Lillian Walker dropped her second calf, Admiral Walker. She later dropped another son, Lillian Boy, and a daughter, Lillian Walker 2d. Then at the age of seven years she was sold to Mr. H. A. Moyer, Syracuse

N. Y., who gave her an official record of 24.04 lb., the first 24-lb record ever made at Moyerdale.

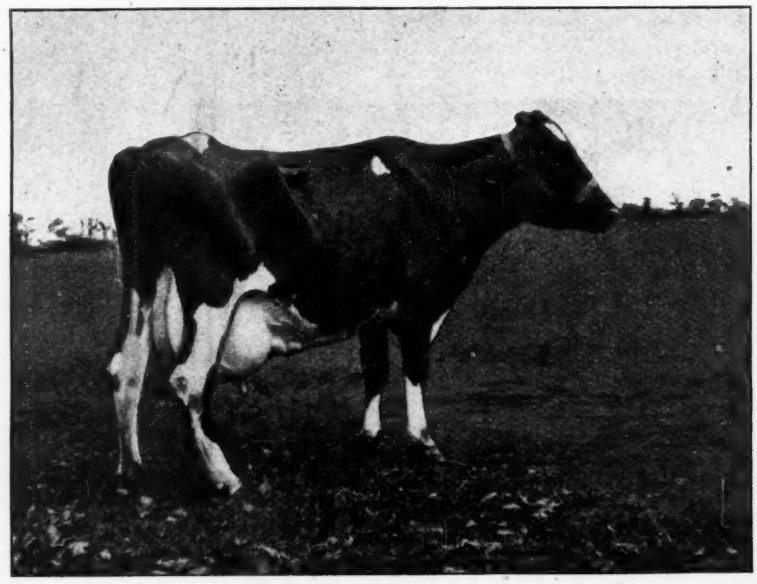
Concerning Lillian Walker, Mr. Hartshorn has said, "I consider her the finest individual of the breed, the most perfect cow I ever saw." That he was sincere in this opinion is shown by the fact that he retained her sons for use in his herd. He believes that these sires had much to do with the sensational work of the daughters of Prilly, four of which were sired by these Walker bulls.



PRILLY—Butter, 25.20. The greatest transmitting cow of the breed through her daughters. One of the Hamilton Stock Farm foundations.

It is unnecessary to go into details concerning the achievements of Prilly and her daughters, or of the 24.8-lb record made by Mary R. Pietertje. These have appeared time and again in the public press and are familiar to all. The particular point we want to bring out is that the major portion of the present Hamilton Stock Farm Herd represent combinations of the blood of these three cows, with the added cross of the sire, Clothilde Goudgeld Hugo, who has had a great influence upon the character of the herd. To be more definite, the breeding of the sons of Lillian Walker upon Prilly made the reputation of the Prilly family, which is one of the three families of the breed that has three generations of thirty-pound cows. This family holds the world's record for four or five generations for both seven and thirty days, and furnishes the only instance in the whole history of dairy cows of six direct generations — every one above 25 lb.

The breeding of a son of Lillian Walker upon Mary R. Pietertje produced Admiral Walker Pietertje, who has three 30-lb daughters and as many 30-lb granddaughters. The breeding of this bull upon a granddaughter of both Prilly and Lillian Walker produced King Walker, who has several world's record daughters. The breeding of Admiral Walker Pietertje upon Buttercup Clothilde Pietertje a daughter of Clothilde Goudgeld Hugo, produced Mary Walker Pietertje; and Marion Walker Pietertje, the only 30-lb cow whose dam and both grandams are all 30-lb cows, was produced by breeding Mary Walker Pietertje to Beauty Pietertje Butter King, a son of Clothilde Goudgeld Hugo and Beauty Pietertje, which brings us right back to the old Prilly-Lillian Walker combination. This family is the only one which can show three direct generations of cows with 31-lb 7-day records, or with 30-day records that average over 126 lb.



MARY R. PIETERTJE—Butter 7 days, 24.83; butter 30 days, 103.46. Dam of Admiral Walker Pietertje. Another Hamilton Stock Farm foundation.

The present herd sire, King Colantha Clothilde, is a son of Abby Hartog Clothilde (31.39 lb. butter in seven days, and 129.3 lb. in thirty days), who is a three-fourths sister to Buttercup Clothilde Pietertje. The sire of King Colantha Clothilde is Colantha Johanna Lad. The junior herd sire is King of the Black and Whites, a son of King Colantha Clothilde and Marion Walker Pietertje (previously mentioned). He is the only bull of the breed whose seven nearest dams average over 31 lb. butter in seven days. Six of the number are 30-lb. cows. Five of the seven have also produced 30-lb daughters.

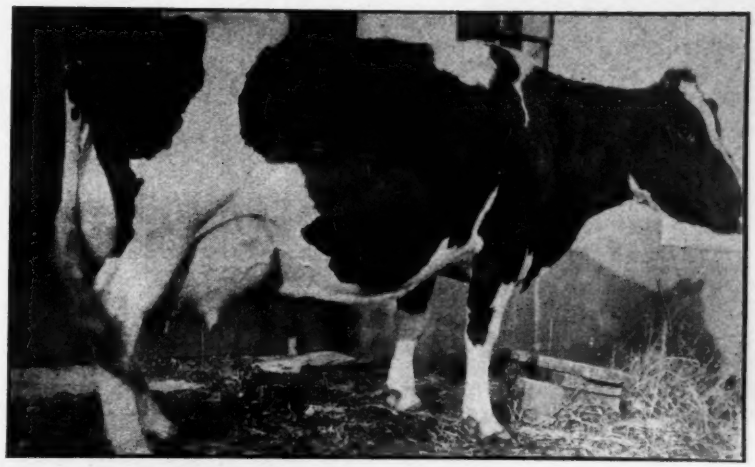
Mr. Hartshorn is now raising the great young sire, Admiral Walker Pontiac, to breed upon the daughters of the two bulls just mentioned. He is a son of the famous $10,000.00 bull King Segis Pontiac Alcartra, and Segis Walker Pietertje, who has performed a feat which no other cow has ever accomplished, and that is to drop three calves, and make three records that average over 26.4 lb. butter in seven days before attaining the age of four years. Her oldest daughter, a senior 3-yr-old, has just completed a 25-lb record, making six generations of 25-lb cows. Segis Walker Pietertje was from Ruby Walker Pietertje, one of the three cows whose dams and grandams are both 30-lb cows. For a succession of great records, generation after generation, the pedigree of Admiral Walker Pontiac represents the highest development of the breeder's skill. Mr. Hartshorn recently sold a half interest in him to R. E. Chapin & Son for $5,000.00.

Another achievement of which Mr. Hartshorn can justly be proud is the showing by Lottie Walker Spofford.

Following is a list of her records:

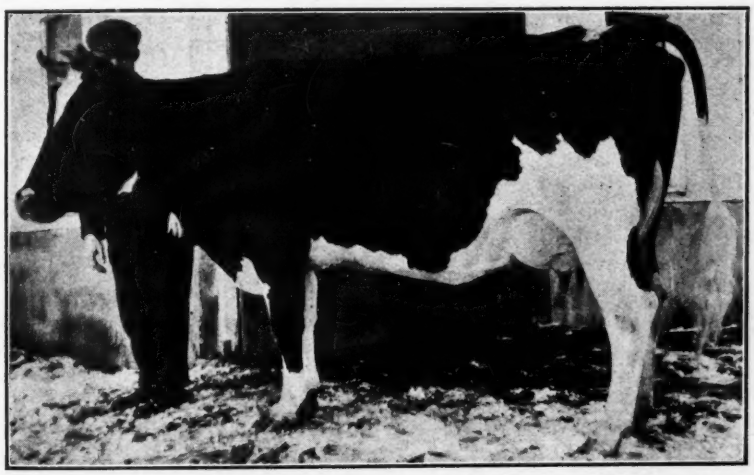
At 3 yr. 3 mo.—	
Butter 7 days	25.50
Butter 30 days	97.33
At 4 yr. 6 mo.—	
Butter 7 days	32.50
Butter 30 days	120.16
At 5 yr. 5 mo.—	
Butter 7 days	29.17
At 7 yr. 2 mo.—	
Butter 7 days	30.68
Butter 30 days	120.10
At 8 yr. 2 mo.—	
Butter 7 days	31.36
Butter 30 days	121.93

She was in test two days at the age of six years five months, and averaged over 3.5 lb. fat per day, better than a 30-lb. rate, but as she was not raising her 4-yr.-old record, and was the only cow Mr. Hartshorn was running at the time, she was dropped from test. If she had been continued, we would undoubtedly have had the only instance on record of a "four-time 30-lb cow." But without any excuses or explanations, we believe she has done fairly well.



LOTTIE WALKER SPOFFORD—Another "three-time 30-lb. cow." She has made five records that average nearly 30 lb. Owned by A. A. Hartshorn Holstein Co., Hamilton, N. Y.

Lottie Walker Spofford was from Isabella Clothilde Walker, a 27-lb. cow that has just completed a year's record of 990 lb. butter and over 22,000 lb. milk. Isabella Clothilde Walker was by Admiral Walker, and again we are back to the old foundation—Lillian Walker. The sire of Lottie Walker Spofford is a brother to Ruby Walker Pietertje, whose achievements have been previously cited.



CARLOTTA PIETERTJE SPOFFORD—Butter 7 days at 4 yr., 26.16; butter 30 days, 101.43. A daughter of Lottie Walker Spofford. Owned by A. A. Hartshorn Holstein Co., Hamilton, N. Y.

A large record is of but little value unless the animal making such a record is able to transmit her good qualities to her offspring, and the strongest feature to be mentioned in the families of the Hamilton Stock Farm Herd is their extraordinary transmitting ability. Out of the three families of the breed that have developed three generations of thirty-pound cows, two of them are members of this herd. 30-lb. records have been made with eleven members of the herd, and four of this number have produced 30-lb. daughters.

It is dangerous to make predictions, and we will therefore endeavor to steer clear of them, but we do feel constrained to say, that judging the future by the past, and taking into account the character of the sires now in service, the reputation of the Hamilton Stock Farm Herd during the coming years is bound to be broadened and strengthened.

An Outline of Holstein-Friesian History---IV

By E. M. Hastings.

MEANWHILE, in 1877, the constitution of another Herd Book Association had been adopted, this Association being designated The Dutch Friesian Association of America. S. Hoxie, later Superintendent of Advanced Registry of the Holstein-Friesian Association of America, was the first secretary of the new organization. The distinguishing feature of the herd book of this Association was a Main Registry division providing for registration of animals approved by the Executive committee upon personal examination subject to certain requirements, including a schedule of milk records for cows of milking age. This main register afforded the groundwork for the admirable Advanced Registry system of later years, and its perpetuation was made a specific condition by the Dutch Friesian Association when uniting with the Holstein Breeders' Association in 1885. There appears to have been considerable controversy between the Holstein and Dutch-Friesian Association over the matter of a suitable name for the breed, as well as over this question of maintaining an Advanced Register. According to the poet Dryden—"Men are but children of a larger growth," which may explain this quarrel over so small a matter as a name, although the Advanced Registry proposition was a bone of contention well worth defending.

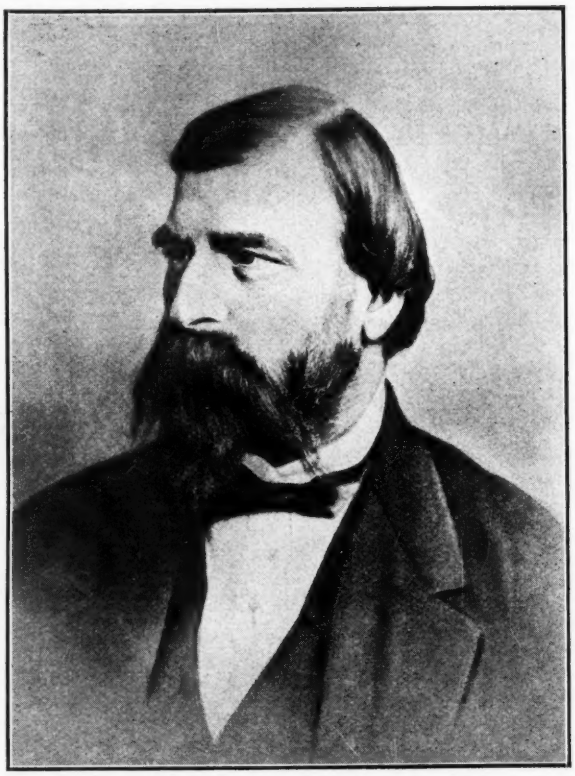
However, these questions were harmoniously settled when the two Associations joined with the understanding that an Advanced Registry system should be maintained, and that instead of calling their cattle Holsteins or Dutch-Friesians, they should give them the compromise designation of Holstein-Friesian, which has since continued to be the official name for

the black and white breed in this country, although the shorter term of Holstein appears to enter into our every day speech more readily than the combined phrase that settled the dispute. The union of the two organizations marked the beginning of the Holstein-Friesian Association of America. T. G. Yeomans, president of the Holstein Breeders' Association, became the first president of the newly formed Holstein-Friesian Association. Mr. Yeomans had long been actively interested in the breed, having selected in Holland the foundation stock for the Yeomans' Herd that later became famous through the Advanced Registry work of its members.

The first meeting of the Holstein-Friesian Association of America was held in Buffalo, N. Y., on May 26, 1885 —not quite twenty-nine years ago.

Among the breeders who participated in that meeting were a number of men still actively interested in the breed. Mr. S. Hoxie, of course, was present, and so was the present secretary, F. L. Houghton, also Wing R. Smith, who for many years has been treasurer of the National Association. Gerritt S. Miller was active in the councils of this first meeting, and C. W. Horr of Ohio, in this as in other early Holstein gatherings, exhibited the ability of an aggressive and forceful debater in helping to shape the policy of the infant Association. Mr. Horr's gift of repartee often enabled him to "hit the nail on the head" with good effect. The question of reducing the transfer fee from fifty to twenty-five cents was under consideration A member is recorded as saying:

"I move that the charge for the transfer certificate be reduced to twenty-five cents. I think that is plenty. The American Jersey Cattle Club has never charged but twenty-five cents."



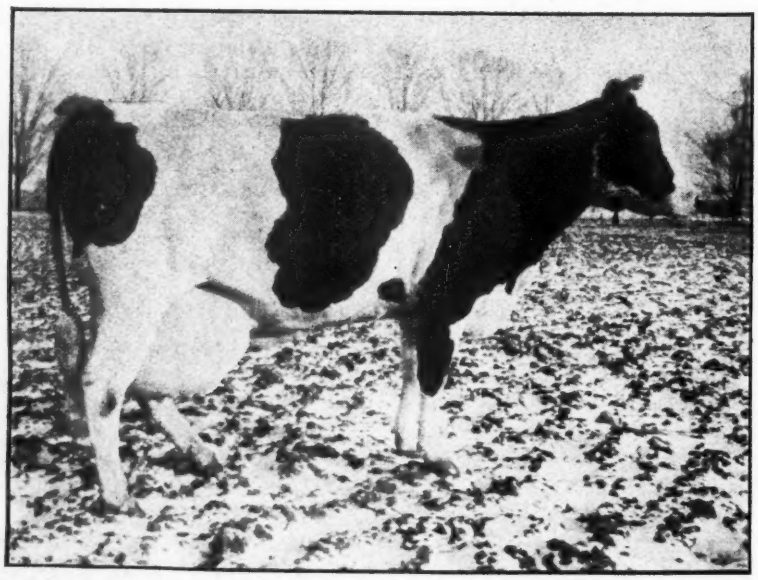
WINTHROP W. CHENERY
First President of the Holstein Association.

Mr. C. W. Horr: "Well, that is more, according to the size of the cattle, than we charge."

Amid the laughter of the house, the motion was voted down, and the fifty-cent fee was sustained.

As a measure of the wonderful growth of the breed during the period of less than three decades that has elapsed since the joining of the two early associations, it is worth observing that all the registrations of both their sets of herd-books, covering a period of thirteen years, foot up considerably less than half as many animals as were recorded during the one year that closed last May. Our latest registration numbers for females are now well beyond the two hundred thousand mark, and the total number of males recorded exceeds the one hundred thousand mark by more than eleven thousand.

Incidently it may be mentioned in this connection that a report of the Department of Agriculture gives the total number of cattle of all breeds in the United States in 1913 as 56,527,000. Mr. Gardner, the present Superintendent of Advanced Registry of the Holstein-Friesian Association, estimates the registered Holsteins now living as footing up in the neighborhood of 155,000. Thus it appears that of all the cattle in this country at the present time, less than three in every thousand are registered Holsteins. In view of these significant figures, we can appreciate Mr. Gardner's remark, "No young man just taking up the breeding business will live long enough to see any lessening of the demand for pure-bred stock. On the contrary, with the growth of dairy education, he will see a great increase."



SEGIS WALKER PIETERTJE—The only heifer that before attaining the age of four years has made three records averaging 26.4 lb. Bred, owned and developed by A. A. Hartshorn Holstein Co., Hamilton, N. Y.

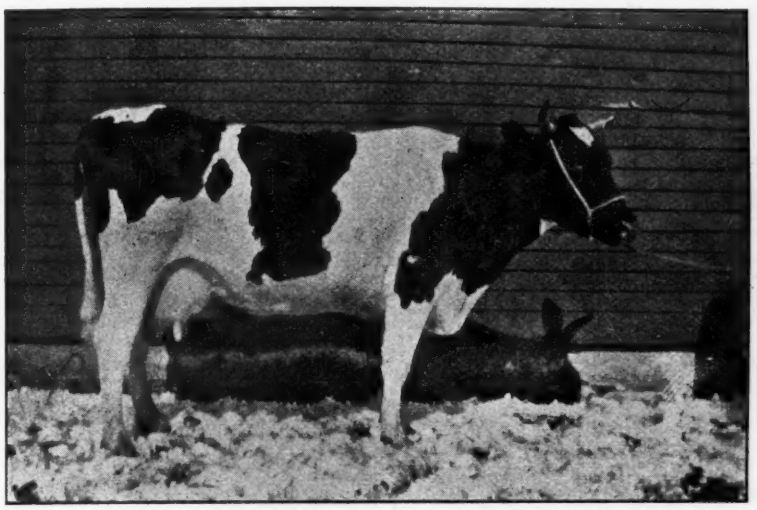
I like your paper very much and welcome its weekly visits.

T. L. J. Reese Linden, Pa.

The History of Lilith Pauline De Kol's Count

By F. C. Whitney.

LILITH Pauline De Kol's Count was born in Augusta, N. J., December 12, 1900, the property of H. D. Roe. She was sired by Pauline Paul 2d's Count and out of Lilith Pauline De Kol by De Kol 2d's Paul De Kol. This cow, Lilith Pauline De Kol, previous to this date made official records at 2 years of 15.2 lb., and 3 years, 24.7 lb.

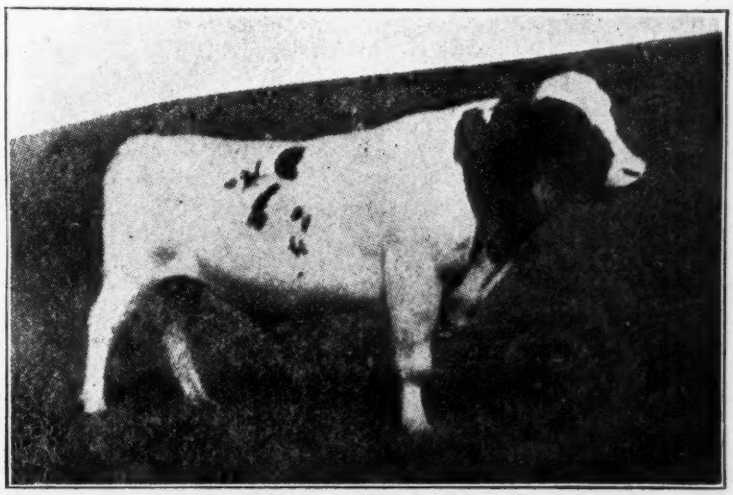


LILITH ALTOANA DE KOL—Butter 3½ yr., 33.61; butter 2½ yr., 27.09 (both world's records when made). A daughter of Lilith Pauline De Kol's Count. Owned by Lamb & Langworthy, E. Hamilton, N. Y.

Little did Holstein breeders believe that this cow would break the world's 4-year-old record, as well as the aged cow record held by Beryl Wayne of 27 lb. 14 oz., and they were astonished to hear when she made the remarkable record at 4 yr. 3 mo. 12 da. of 653.4 lb. milk and 28.24 lb. butter, best day's milk over 100 lb., which record stood unbeaten in her class for the next eight years.

Lilith Pauline De Kol's Count was purchased by Mr. Nelson F. Sholes of Earlville, N. Y., from Mr. Roe for $1,100.00, the highest price paid up to that time for a Holstein calf. Many wondered how Mr. Sholes would ever get his money back. But the first year he booked 50 cows outside his own herd, at a service fee of $50.00, and the following year he had to turn many away. Mr. Sholes finally sold an interest in the bull to Mr. Lamb of Hubbardsville and Mr. Ingalls of Hamilton, and he was owned under the firm name of Sholes, Lamb and Ingalls, and continued so until the death of Mr. Sholes, when he was purchased by Lamb & Langworthy, who sold him to the writer, who owned him at the time of his death, December 2, 1912.

I believe for the opportunity he had, Lilith Pauline De Kol's Count is almost in a class by himself among Holstein-Friesian sires. His breeding today will stand close scrutiny. His sire was from a daughter of Pauline Paul, a former world's champion, and by a son of De Kol 2d's Queen, the best daughter of De Kol 2d. His dam, the ex-champion 4-yr-old, was by De Kol 2d's Paul De Kol, one of the very best sons of De Kol 2d, another world's champion.



LILITH PAULINE DE KOL'S COUNT—70 A. R. O. daughters; 34 proven sons; 33 producing daughters. One of the greatest transmitting sires the breed has ever produced.

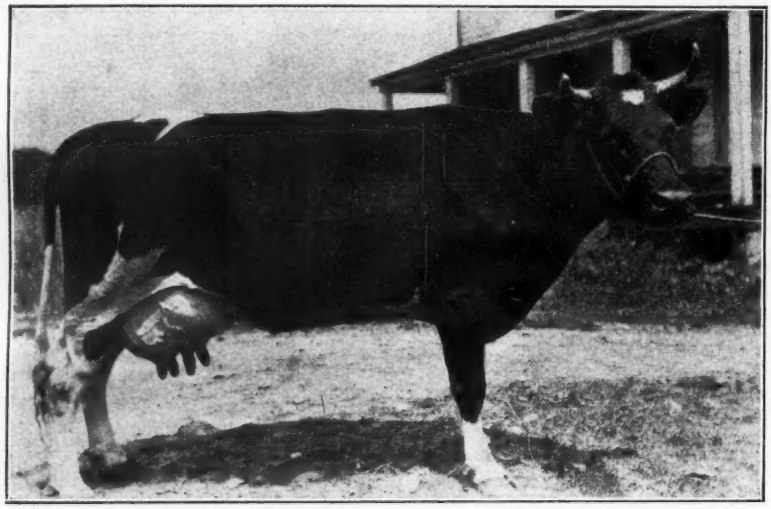
Today Lilith Pauline De Kol's Count has to his credit 70 A. R. O. daughters, 34 producing sons and 33 producing daughters. A daughter, Lilith Altoana De Kol, made the world's record at 2 years of age, first calf, of over 27 lb., and the next time freshening made another world's record at 3 years of 33.607 lb. Two other daughters made A. R. O. records of over 30 lb., and one daughter produced K. P. Lilith Clothilde, former world's champion junior 4-yr-old, with a yearly record of 22,229.8 lb. milk and 1043.27 lb. butter; also K. P. Lilith Lady Clothilde, semi-official at 2 years of 18,017.8 lb. milk and 814.71 lb. butter. The records of his daughters average close to 4 per cent fat for his entire list, while nearly every herd in the Chenango Valley—the home of this illustrious sire for many years—contains the blood of this old Roman, and partial credit must be given him for the prosperity of the Holstein breed that has made this section famous.

Bulletin 54—The Dairy Industry in New York State—is the latest of the splendid publications the New York Department of Agriculture is sending out to the farmers of the state. The dairy being the greatest agricultural interest of the State, it is fitting that this new bulletin should be the largest in size (it is nearly 400 pages), the most fully illustrated (103 photo-engravings), finely printed (on heavy calendered paper), and treat of every phase of the industry (34 articles, besides index and laws), written by men engaged in dairying or in some allied phase, such as marketing, or manufacturing the product of the dairy. Pastures, feeding, breeding, marketing, pasteurization, barn-building, cheese-making, creameries, soiling, advance registry work, calf-raising, cow-testing associations—these and many other topics are all to be found in this bulletin, which was compiled and contributed to by Edward Van Alstyne.

Ohio's Champion Milk Maker

By M. S. Prescott

THERE seems to be something in the Ohio atmosphere that makes her cows stand out prominently as year-round producers. If it isn't the atmosphere, it must be the caretakers, or if that be wide of the mark, then we will have to admit that the Ohio cows themselves are of superior quality.



LOTHIAN MAGGIE DE KOL—Butter 1 yr., 1238.51;milk 1 yr., 27967.60. Ohio's champion milk-maker. Owned, raised and developed by Alexander Watt, Novelty, Ohio.

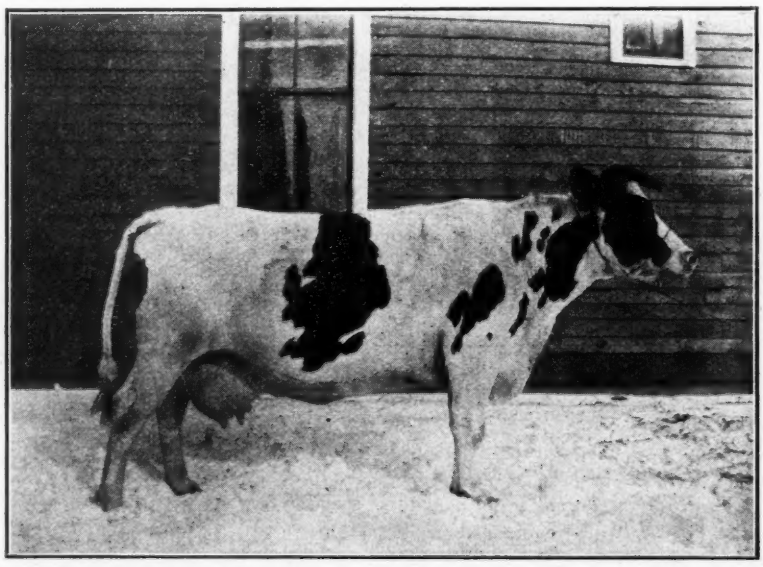
We surmise that the phenomenal results obtained may be due to a combination of all three.

One of the greatest records ever made in Ohio or anywhere else, however, is a notable exception to this theory—a record made under actual farm conditions—with only thrice-a-day milking through the greater part of the year, and no especial care, except that owing to a lameness which prevented her from foraging in the pasture, the cow was kept in the stable and fed such feed as was available during a particularly hot, dry summer. These are the conditions under which the semi-official year's record of Lothian Maggie De Kol was made

Lothian Maggie De Kol No. 90209 has been raised from birth and developed by her present owner, Mr. Alexander Watt, Novelty, Ohio. She was born February 4, 1906, making her just past eight years of age now. She was sired by Paul De Kol Gregg, a son of De Kol Admiral Paul, and from Lothian Lass (18.2 lb.), a cow of obscure breeding, but a remarkable producer, milking steadily through the entire year, and year after year. The grandam also showed this characteristic, so that Lothian Maggie De Kol really had the right to prove a persistent performer

Here is what she has done:

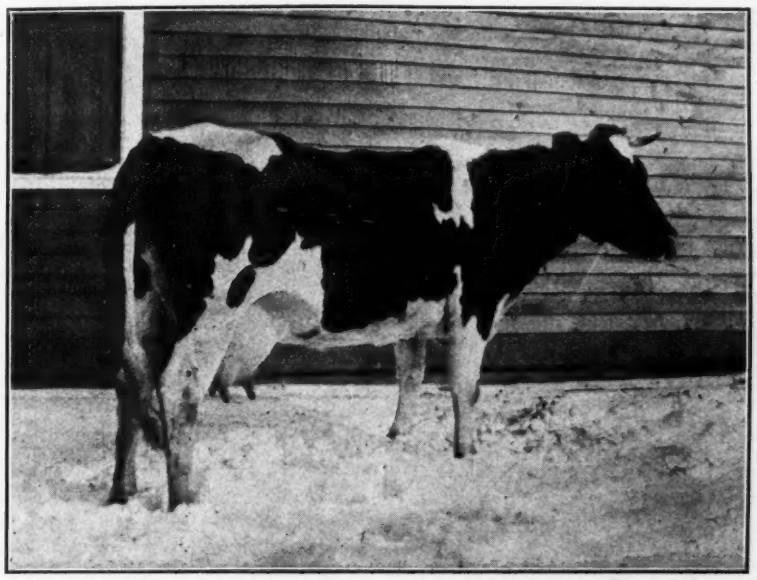
At five years of age she made a record of 21 lb. butter, 598.3 lb. milk, in seven days. Eight months after calving she produced 16.59 lb. butter, 382.-4 lb. milk, winning an Association Prize. Unofficially during this year she produced 20,300 lb. milk. With a rest of six weeks, she freshened again at six years, ten months, and then history began to be made. Fifty-seven days after calving she made a seven-day record of 28.78 lb. butter, 731.5 lb. milk, producing 108.4 lb. milk in twenty-four hours. In seventy days she produced 7,035 lb. milk, better than a 100-lb. average. Mr. Watt placed her in semi-official yearly test, and she soon began to set a pace which promised to bring her to a triumphal finish ahead of any of her competitors. But for an unfortunate occurrence there is little doubt but that this result would have been achieved, and while no apologies are required for the final result of this test, in fairness to the cow, we must state the conditions. Early in the summer Mr. Watt's helper was overtaken by a serious illness, and this left Mr. Watt with only the help of a 12-year-old boy to run the farm and attend to six cows in semi-official yearly test. As a consequence, the cows completed their records under just ordinary dairy conditions. In spite of this handicap (in comparison with the other great year's record cows), and the added handicap of a serious lameness throughout the summer, Lothian Maggie De Kol made a 25-lb. 7-day record one hundred thirty days after calving, 23.76 lb. one hundred seventy-seven days after, and 22.79 lb. two hundred seventy-three days after, this record coming in the eight months after calving division. Her milk production at this time was 450.6-lb. for the week. At the close of her year she had produced 27,967.6 lb. milk, 1238.51 lb. butter—the champion milk and butter cow of 1913, as well as the champion milk producer of Ohio. No other cow of the breed has ever surpassed her for both milk and butter. She is continuing in test, and now, in her fourteenth month, is giving 60 lb. milk per day, and producing over two pounds of fat per day, without any crowding whatever. In 406



DE KOL BOON LILITH—30.22 lb. A daughter of Lilith Pauline De Kol's Count. Owned by Lamb & Langworthy, E. Hamilton, N. Y.

days she has produced 30,294.3 lb. milk, 1350.47 lb. butter.

Mr. Watt, who learned his feeding methods in Scotland, is not content to rest on his laurels. He states that Lothian Maggie De Kol will be given another chance, and surrounded by more favorable conditions, he is confident of her ability to raise her marks still higher.



LILITH DE KOL VEEMAN—Butter, 28.29 lb. at 4 yr. A daughter of Lilith Pauline De Kol's Count. Owned by Lamb & Langworthy, E. Hamilton, N. Y.

Success to Mr. Watt in his undertaking. His is the kind of work which appeals to the business dairyman, and which will accomplish far more for the advancement of the breed than would be possible for any record against which there might be the slightest suspicion of abnormality.

NORTHERN NEW YORK HOLSTEIN-FRIESIAN FEDERATION

It seems to me that the report of a meeting like that held over at Canton last week is worthy of a little space in your valuable paper.

Since Mr. H. E. Cook has been at the head of the Agricultural School at Canton it has been the custom to set aside one week in midwinter for the farmers of Northern New York to get together and work out, as it were, some of the intricate problems that the farmers of this north country are up against.

Last Tuesday, January 27, was the day set aside for the Holstein breeders and everybody interested along that line. No efforts were spared, not only by Dean Cook, but also by the St. Lawrence Holstein-Friesian Breeders' Club and the business men of Canton, to make this day a grand success. Their efforts were crowned with glory. From the time that we reached Canton until we came away the next day it seemed like one grand reception. In the afternoon, a large meeting in Agricultural Hall, when President Hartshorn of Hamilton gave the address of the day upon the growth, care and development of the Holstein cow. His talk was followed by many questions and a general discussion participated in by many of the visitors from Jefferson, Lewis and other counties. In the evening Dean Cook gave a very interesting and instructive lecture on the production, handling and sale of certified milk. This lecture was accompanied by stereopticon views illustrating his methods in actual use on his farm in Denmark, Lewis county.

Following the lecture, a banquet was given the Holstein-Friesian Breeders by the Citizens of Canton at Hotel Hodskin. Mayor Daniels of Ogdensburg presided as toastmaster in his usual pleasing and able manner. Mr. J. Fred Hammond, President of the village, gave an address of welcome, which was followed in response by Mr. Hartshorn of Hamilton. Several others also responded to toasts. An orchestra composed of students from the agricultural school furnished fine music throughout the entertainment, at the close of which a permanent organization was consummated, called the Northen New York Holstein- Friesian Federation. The following officers were elected for the coming year: President F. W. Ames, Morristown; vice-president, Eugene Arthur, Lowville; secretary, F. C. Overton, Adams; treasurer, G. N. Sheldon, Ellenburg Centre.

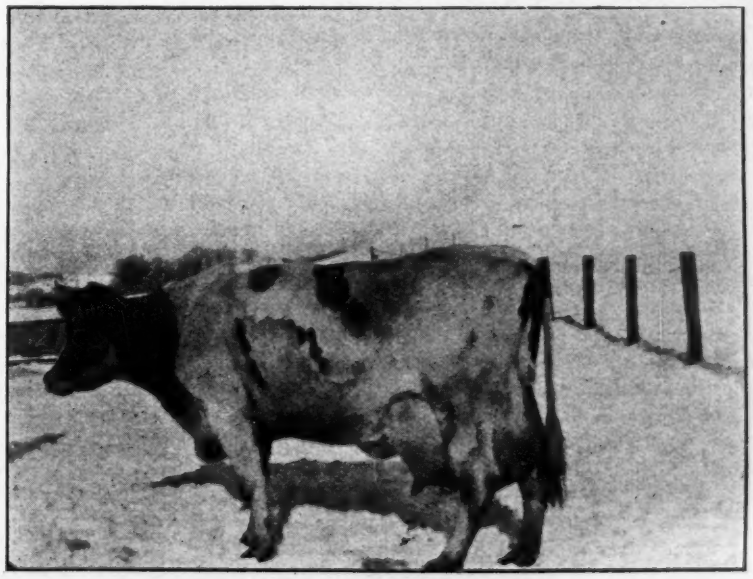
Thus closed one of the most profitable and interesting Holstein-Friesian Breeders' meetings ever held in Northern New York.

Yours truly
F. C. Overton.

A CORRECTION.

Attention is hereby called to an error in our Janaury 31 number. In the half-page ad. of the Voss & Turner and Palmer Dispersion Sale at Elkhorn, Wis., the date was given as February 24. Note that February 25 is the correct date. In the Public Sale Calendar this sale was listed before Mr. Palmer decided to include his herd, and accordingly our description was not quite in accordance with the facts. Now, be sure to get it straight—February 25—100 head of Pure Breds, comprising the entire herds of Voss & Turner, and W. E. Palmer.

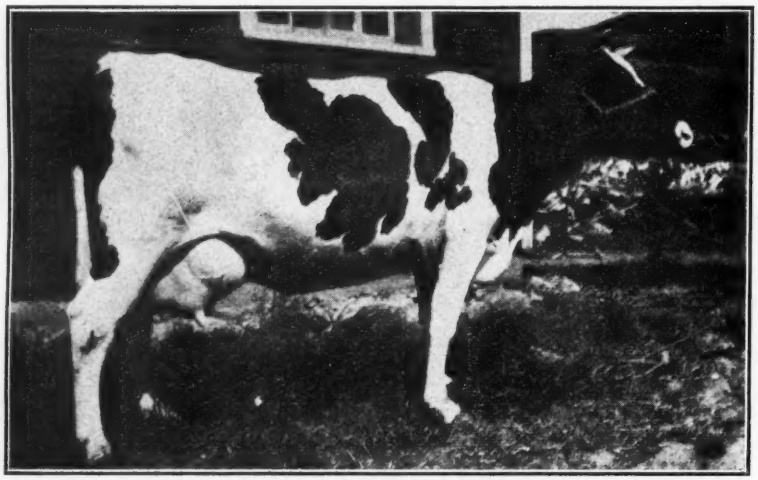
If you do not receive your copy of the World each week, the publishers will appreciate an early notification of that fact.



LILITH ALTOANA—Butter, 28.99. A full sister to Lilith Altoana De Kol (33.-61 lb. at 3½ yr.) Owned by Lamb & Langworthy, E. Hamilton, N. Y.

Club Notes

H. C. Wood, Secretary Madison-Chenango Breeders' Club, writes: We have at the present time 146 members. We should have at least three times this number as the last herd book shows in the neighborhood of 500 breeders, residents of Madison and Chenango counties, who have had cattle registered during the past year, and if they showed proper interest in the breed and worked for their own welfare, all of them would be members of the Madison-Chenango Counties Holstein-Friesian Breeders' Club.



LILITH BERYL ALTOANA 108596—Butter, 26.98; milk, 519.00. A daughter of Lilith Pauline De Kol's Count. Owned by Lamb & Langworthy, E. Hamilton, New York.

Our third annual meeting was held at the New York State School of Agriculture, in Morrisville on Thursday, January 22. Nearly 100 members were present. The auditorium of Madison Hall was well filled at the session.

The election of officers resulted in the selection of Mr. R. P. Kutschbach of Sherburne for President, H. A. Robinson of South New Berlin, vice president, W. D. Betts of Hamilton as second vice president, and H. C. Wood, Morrisville, as secretary and treasurer.

The Committee on Club Sale reported favorably and called for expressions from breeders present in an effort to ascertain how many cattle could be obtained for the sale. 125 head were pledged at the meeting, since which time 40 additional head have been pledged and three members of the committee yet to hear from.

It was Farmers' Week at the State School and Thursday, the day of our annual meeting, was Dairymen's Day.

The breeders present at the annual meeting were privileged to listen to some excellent addresses, first, one by Prof. E. S. Savage of Cornell on raising the dairy calf, also a talk by Dr. J. H. Hewitt of the local school on the tuberculin test.

In the afternoon following the meeting the principal speaker was Jos. E. Wing of Mechanicsburg, O., who delivered his "Story of Woodland Farm."

Following this, Harry Mason Knox gave an interesting talk on famous Holsteins illustrated by stereopticon views of many remarkable animals of the breed. Mr. Knox had about 40 slides of the more prominent animals of Madison and Chenango counties which did not arrive in time for the Thursday meeting. These came, however, the next morning, and he showed them Friday afternoon at 3:30 to a large audience.

The next regular meeting of the club will be held in May, exact date and place to be named later by the Board of Directors.

T. L. J. Reese, Secretary of the Central Pennsylvania Holstein-Friesian Breeders' Association, writes: Our next meeting is Saturday, February 7, which marks the closing of our first year. We have about thirty-five members at present. During the past year we have had a successful cattle show with 10,000 admissions; we have given two public lectures on the Holstein-Friesians as a breed, and other dairy topics, all expenses defrayed by our Association, and we end the first year with a nice little balance in the treasury. We feel that we have had a successful year, but of course expect to increase in usefulness and influence in our efforts to advance the interests of the Black and Whites.

The third annual meeting of the Cheshire County, N. H. Holstein Breeders' Association was held in Keene, January 15. The meeting was called to order at 11 a. m. by President Prentiss. The uniting with the Granite State Dairymen's Association was discussed and it was finally decided to join with them.

Then the report of the Treasurer was read and accepted. It was moved that sometime during the year we were to invite the New England, Worcester County and White Mountain clubs to meet with us.

The following officers were elected: President, J. W. Prentiss, Alstead, N. H.; secretary, R. W. Forristall, Alstead, N. H.; treasurer, E. T. Stevens, Walpole, N. H.; vice-presidents, C. H. Thomas, Rindge, N. H., Geo. H. Hill, Marlboro, N. H., W. C. Foster, Walpole, N. H., F. O. Hamblett, Keene, N. H., W. H. Parker, Westmoreland, N. H., Milan Greene, Alstead, N. H., Geo. E. Turner, Marlow, N. H., W. A. Knight, Peterboro, N. H., E. P. Richardson, South Lyneboro, N. H., F. C. Brockway, Hillsboro, N. H., Geo. Conley, Surry, N. H., J. W. Whippe, Stoddard, C. E. Weeden, Rockingham (for Vermont), T. E. Elder, Mt. Hermon (for Massachusetts). Executive Committee, Merrell Mason, Marlboro, N. H., H. P. Hale, Rindge N. H.

In the afternoon Mr. F. O. Hamblett got some teams to drive us out to his farm, where we saw some very fine cattle. He has only a small herd, some 15 of which are purebred. What he loses in quantity, he has made up in quality. His herd is headed by a grandson of Colantha Johanna Lad (62 A. R. O. daughters), out of a 19-lb. two-year-old daughter of Vadora Mercedes, who has a record of 23.42 lb. butter in 7 days and who has 4 A. R. O. daughters.

The next annual meeting of the Sauk County (Wis.) Holstein Breeders' Association will be held at Baraboo, Wis., Feb. 28.

The Manitowoc County Holstein-Friesian Breeders' Association will hold its annual meeting at Manitowoc, Wis., March 11. The membership of this Association already numbers seventy, and about fifty new members will be admitted at the time of the meeting. Some of the most able speakers in the state have been secured to address the meeting.

The Holstein-Friesian Breeders' Association of Wisconsin will hold its next annual meeting March 4, 1914.

The Southwestern New York Holstein Breeders' Association perfected its organization in a meeting at Randolph, N. Y., January 24. The following officers were elected: President, James Phelan, Forestville, N. Y.; vice

presidents, John Ackley, Conewango; Hon. A. T. Fancher, Salamanca; D. D. Decker, So. Dayton; secretary and treasurer, R. H. Taylor, Randolph; directors, W. C. Case, Kennedy; Henry Walford, Dunkirk; Hon. Chas. M. Dow, Jamestown; D. E. Whipple, Little Valley; L. G. Kirkland, Conewango.

About seventy members joined the Association at this meeting and great enthusiasm was manifested. The membership comprises a progressive body of breeders, and there is no question but that the Southwestern New York Holstein Breeders' Association will make its influence felt in Holstein and dairy circles.

On February 21 occurs a meeting of the Southern Idaho Holstein-Friesian Breeders' Association. At this meeting the organization will be completed, and it is hoped that every breeder will make a special effort to attend.

The fifth annual meeting and banquet of the McHenry County Holstein-Friesian Breeders' Association will take place today, Feb. 14, at Woodstock, Ill.

The Pennsylvania State Holstein-Friesian Association held its annual meeting in the Colonial Hotel, York, Pa., Jan. 21, 22. On the night of the 21st a banquet was given. Covers were laid for sixty persons. Hon. John Gyger of Kimberton, Pa., president of the association, presided as toastmaster and introduced the speakers. The first of them was Mayor John R. Lafean, who extended the visitors a hearty welcome to York. Senator Henry Wasbers made an address on Co-operation, followed by Geo. E. Steveson of Waverly, Pa., who related his remarkable success with Polled Holsteins. He actually has succeeded breeding registered Holsteins to the point where they are born without horns. To raise the Black and Whites without the need of cutting off the horns and its consequent setting back the animals is regarded as quite an achievement.

A. Wilhefmy, Cincinnati, Ohio, gave a very interesting talk on feed value. Mr. Robert W. Chapman, president of a leading dairy feed company also gave a very interesting talk. H. C. Reinhold of East Petersburg, Pa., urged the creating of a Pennsylvania market for registered Holstein cattle, claiming that this state has every requisite for supplying such a market, but because it has no headquarters for selling there is a difficulty for the purchasers in getting Holsteins in Pennsylvania. He pointed out the immense possibilities of such a market for the Keystone state. Henery Fielding, Manager of the Delchester Farms, at Newtown, Pa.,advocated a cow testing Association, so that a dairy farmer may know just what his cows are doing and whether he is making or losing money on them. W. B. Deveney, secretary of the Chester County Holstein Association advocated the same measure and hoped that the state would assist along that line.

W. P. Morsell, president of the Maryland Holstein Association, was the next speaker, he extended the greetings of the Association he represented which has an enrollment of 200 members.

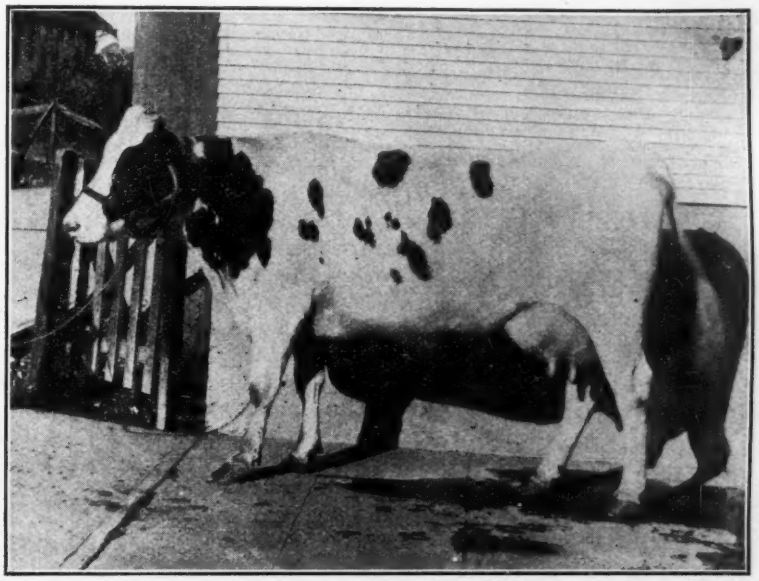
Dr. G. H. Hibbard, manager of the Emmerson Farm at Lutherville, Md., spoke along similar lines. Ex-President Norton of the Pennsylvania Livestock Breeders' Association, urged that the organization's membership should be enlarged as a means of greater strength, and to aid in securing better legislation for the cattle men.

This association fosters the breeding of Holstein cattle and one of its present great aims is to open a market for Holstein cattle in Pennsylvania, and every breeder of the Black and Whites is urged to join the Association which intends to hold a Breeders' Consignment Sale in connection with the next annual meeting. All interested breeders are requested to send $2 to the secretary and treasurer, H. C. Reinhold, East Petersburg, Pa., and become a member.

The following officers were elected for the ensuing year: Geo. E. Steveson, Waverly, Pa., president; secretary and treasurer, H. C. Reinhold, East Petersburg, Pa.;first vice president, Geo. M. Carpenter, Wilksbarre, Pa.; second vice president, Hiram Billet, Harrisburg, Pa., Executive committee, Hon. John Gyger, Kimberton, Pa.; Hon. W. M. Benninger,, Benningers, Pa.; C. B. Johnson.

H. C. Reinhold, Secy.

The heights by great men reached and kept
Were not attained by sudden flight,
But they while their companions slept
Were milking test cows in the night.



PHOEBE VEEMAN PAULINE BERYL 110074—534.0 lb. milk; 32.71 lb. butter. A granddaughter of Lilith Pauline De Kol's Count. Owned by F. S. Stimson, Hollywood, Wash.

IF.

By Bill.

(We are sorry, Mr. Kipling, but it had to be done.)

If you can keep your bull when all about you
Are selling theirs to get a better sire;
If you adopt the antiquated methods
In vogue before the Great Chicago Fire;
If, when you see your buildings old and rotten,
Improvements are perpetually deferred;
If you're content with culls and ill-grown cattle,
And take no pride in building up your herd;
If you can draw the old waste basket to you
And cast the Holstein-Friesian World within;
If when you hear of 44-lb. records
Sarcastically, suspiciously, you grin;
If you can feed your cows on brakes and thistles
Instead of silage, clover, hay and oats,
You are the man who ought to sell his Holsteins
And go to raising Jersey cows—or goats

Chas. C. Disbrow, Norwalk, Conn., writes: Kindly discontinue my advertisement in your paper as it has brought results.

HOLSTEIN-FRIESIAN WORLD

The only weekly Holstein-Friesian Journal.
Entered at the Lacona, (N. Y.) Postoffice as second class mail matter.
Issued on alternate Saturdays from Lacona, N. Y., and Madison, Wis.
HOLSTEIN-FRIESIAN WORLD CO., Publishers.
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E. M. HASTINGS M. S. PRESCOTT
Editors
Western Edition
C. G. BROWN I. S. BROWN
Editors

Subscription price for the United States and Mexico, $1.00 per year in advance. All other foreign subscriptions (including Canada), $1.50.

Personal checks will be accepted for sums not less than $1.00.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.

When a subscriber wishes his subscription discontinued, he should notify his nearest office.

Offices of publication, Hastings Building, Lacona, N. Y., and 1025 Sherman Ave., Madison Wis.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photograps are sent, cuts will be charged for at cost price.

All matter for publication in the Eastern Edition must be received by the Saturday preceding date of issue.

When so desired, advertising copy will be prepared or revised for our customers free of charge.

ADVERTISING RATES

One dollar per inch, each insertion.

On yearly contracts for a given space a discount of 50 per cent will be allowed, the same rate of discount to apply to any larger space that may be required, except for public sale advertising. On yearly contracts for every-other-week advertising, a discount of 35 per cent will be allowed.

Special page rates (applying to other than cover pages, which admit of not less than the regular yearly rate)—

Full page (30 inches) for one year, 52 issues, $650.00.

Half page (15 inches) for one year 52 issues, $350.00.

Editorials

True Success

It has been said that true success in breeding can be achieved only by selecting the best type and then aiming to reproduce it. The truth of this saying is unquestioned and the best breeders all over the country recognize its force. If you will consider for a moment the breeders that have accomplished the great achievements, we believe you will invariably find that they are men who have worked with a definite ideal in mind, and their success is a living monument to the correctness of their views.

In our own breed we find several characteristics which are absolutely essential to the highest development. Among these are size and rugged constitution, great depth of body through both the heart and the digestive organs, insuring the ability to assimilate large quantities of milk producing foods. Of course the udder, the immediate organ of milk secretion, should be square, capacious, well held up, and free from objectionable meatiness. The cow herself must carry out straight to the tail setting, and should be clean cut and free from coarseness. She must have long and tortuous mammory veins and large orifices. The hide should be mellow and unctuous. The color markings are of insignificant importance, and should receive only general consideration in breeding operations.

When the breeder has a clear conception of his ideal, his main task is to combine the strains that will produce the nearest approach to the chosen type. This being the case, the breeder who chases after big records, regardless of other considerations, is doomed to disappointment. He may be using a sire with a World's Record average, but he may also be doing irreparable damage to his herd.

In our opinion, the measure of skill exercised in combining the practical and the ideal determines the true measure of ability in breeding and forms the most reliable basis for a judgment as to whether or not a breeder has achieved **SUCCESS.**

—M. S. P.

A Comparison

The latest official report of Ayrshire year's records gives the following averages:

		Milk	80 o|o Butter	o|o Fat
Mature Form	(10)....	11,183	535.30	3.81
4-yr-old Form	(4)....	9,143	434.80	3.78
3-yr-old Form	(6)....	8,332	401.88	3.86
2-yr-old Form	(10)....	8,120	397.99	3.92
All Classes...	(30)....	9,320	449.44	3.85

The latest report of Holstein-Friesian semi-official records shows these averages:

		Milk	80 o|o Butter	o|o Fat
Mature Form..... (330 days)	(42).	16,106.1	678.28	3.37
Senior 4-yr Form (329 days)	(8).	14,798.4	630.90	3.41
Junior 4-yr Form (321 days)	(15).	13,447.1	602.85	3.59
Senior 3-yr Form (346 days)	(11).	15,895.4	704.26	3.55
Junior 3-yr Form (338 days)	(11).	14,569.2	620.25	3.41
Senior 2-yr Form (337 days)	(9).	13,400.8	620.61	3.70
Junior 2-yr Form (337 days)	(21).	12,868.4	525.23	3.27
All Classes.....	(107).	14,838.9	632.71	3.41

These figures speak so plainly that any comment is hardly necessary. The whole herd of one hundred seven Holstein-Friesians, of which nearly a half were heifers with first and second calf, averaged over 3,700 lb. milk and 97 lb. butter more than the mature class of Ayrshires.

The Holstein-Friesian baby 2-yr-olds averaged nearly 1,700 lb. more milk and fell short but 10 lb. butter when compared with the Ayrshire mature cows, and surpassed the Ayrshire 2-yr-olds by over 4,700 lb. milk and over 127 lb. butter.

Neither report is abnormal in any way, both being representative of the regular work the two breeds are accomplishing. They should, however, serve as an object lesson to the dairyman who is undecided as to which breed will return him the greatest amount of profit.

—M. S. P.

Once on a time—that is to say, on February 7, 1914—a certain Holstein breeder received an inquiry regarding some cattle he was offering for sale, and wrote in reply:

> "Your letter just received. I am going to be frank with you. The ones we wish to sell are not the most desirable animals we have; in fact, we are going to let our cheaper ones go. The cattle we offer are not what you want. They are just fair.
>
> "However, when we have some extra good ones, will let you know.
>
> "We don't have any trouble selling the good ones. Just sold a 3-yr-old for $700; another not bred for $600—both of these our own breeding. Also just sold a 2-yr-old of our own breeding for $300—not so bad for just starting in."

Most assuredly, the writer of that letter will never have any trouble selling the good ones. The breeder who can be depended upon to see his cattle as others see them, and to describe them impartially, is bound to inspire the confidence of the buyer. It is fortunate for the Holstein industry that we have so many capable breeders who belong in this class.

—E. M. H.

Mistakes are bound to occur, and when they are made the best we can do is to correct them, and strive to prevent a recurrence. There seems to have been some confusion in regard to the date of E. M. Hastings' 1914 Guaranty Sale, various versions appearing in print. To clear up any doubt that may exist, we will say that the correct date is May 13-14, 1914.

Kindly disregard every statement conflicting with the above.

A far-sighted bank cashier in a dairying community is doing his best to encourage the Holstein industry in his territory. With the aid of the business men in the village, he is providing a building for the sale of registered Holsteins and is working earnestly to assist the breeders of the neighborhood in making the town a Holstein center. He knows that the black and white breed promotes prosperity, and prosperity means profitable banking. The owner of Holsteins is a good borrower, and if necessary can usually sell a bull calf for a sufficient amount to meet any ordinary obligation.

Field Notes

Hugo W. Schroeder, son of C. A. Schroeder, the noted breeder from West Bend, Wis., has recently purchased a half-interest in the Lone Tree Farm and Herd, owned by E. T. Winship, Owatonna, Minn. These two gentlemen together form a combination that is bound to be heard from.

In the Steele County (Minn.) Dairy Testing Association, the six leaders for December were purebred Holstein-Friesians. First, second, fourth and fifth places were won by cows owned by E. T. Winship, while third and sixth were won by the entries of George Flinn. It is interesting to note that our favorites occupied twelve of the first thirteen positions. History seems to be repeating itself in Minnesota as well as elsewhere.

We are advised that the Maplecrest Stock Farm Company (successors to Dan Dimmick & Bro.) have just completed three new 30-lb. records. More detailed account in a succeeding issue.

Princess Hartog Abbekerk 2d, bred by C. E. Swan, East Liverpool, O., and owned by R. E. Haeger, Algonquin, Ill., has just completed a record of 30.4 lb.

Johanna De Kol Van Beers, the 40-lb. cow purchased by Messrs. Haeger &Getzelman last April for $7,000.00, looks happy and comfortable in her new location, and is due to freshen again in about a month.

It is rumored that Col. French, proprietor of Iowana Farms, has recently refused an offer of $7,000.00 for his 31-lb. cow, Ollie Watson Prima Donna. It is understood that the offer was made by Washington parties.

The Report of Canadian Official Records from January 16-31, 1914, gives the records of 64 cows and heifers, including the following:

In the Mature Class: Maple Grove Pattie, owned by Logan Bros., Amherst, N. S., produced 32.59 lb. butter in 7 days.

Buffalo Girl Butter Maid produced 27.1 lb., and Maggie Clark, 26.22 lb.

The Senior 4-year-class furnished the real sensation in May Echo Sylvia, the former champion 2-yr-old, 33.94 lb. butter, 759.4 lb. milk in 7 days, 141.21 lb. butter 2893.9 lb. milk in 30 days, are the figures of the record of this wonderful heifer. The 7-day milk record is a world's record for her class, while her 30-day butter record is the second largest ever made in the U. S. or Canada by a heifer under full age. She is owned by A. C. Hardy, Brockville, Ont.

Daisy Posch, another senior 4-yr-old, owned by W. J. Bailey, Nober, Ont., produced 29.11 lb. butter, 663 lb. milk in 7 days, 117.91 lb. butter, 2709 lb. milk in 30 days.

Ideal Daisy Faforit, a junior 2-yr-old, wins second place in the Canadian 30-day Division, with a production of 78.35 lb. butter.

George Rice, the veteran Canadian breeder, the man who developed Calamity Jane and Alta Posch, is now the superintendent of a $500,000.00 Joint Stock Company—The Silver Springs Dairy Limited, Deschenes, Quebec.

Mr. Rice advices that Calamity Jane 4th, a daughter of Calamity Jane, has just completed an R. O. M. record of 21.23 lb. butter, 537.2 lb. milk in 7 days.

In respect to calendars this office has been especially favored during the past few weeks: One from Emblagaard Dairy is a real work of art. The cover, with "Greetings from Emblagaard" shows a woodland pasture scene, with a herd of Holsteins of the Emblagaard kind in the foreground. There is a page for each month, and on each is a splendid photograph of one of the Emblagaard animals—the herd bulls and the best year's record cows having been selected. This is not only a triumph of the artist's skill, but also proves the extraordinary quality of the Emblagaard Holsteins.

The Edgewood Stock Farm calendar (C. B. McCanna, Prop.), is illustrated with a view of the Edgewood herd, the buildings occupying a position in the background. This is an artistic piece of work, the photograph especially displaying unusual skill in posture and finish. In fact, we think this is quite the best picture of an entire herd we have ever had the pleasure of seeing.

The Jenningshurst Stock Farm calendar, as would be expected, is good to look upon, and shows numerous views of a model breeding establishment. Of course, Rag Apple Korndyke, the senior herd sire, occupies a central position.

Woodcock Bros. calendar shows views of their buildings and equipment, and their herd sire, King Segis Korndyke Champion, three of whose nearest dams have records averaging 34.93 lb. It is a credit to their enterprise.

We want to take this opportunity to thank the givers and assure them that their gifts are appreciated.

PUBLIC SALE CALENDAR

Feb. 17-18, 1914—Hampton, Ia. Frank White & Sons. Third Annual Sale. 130 head.
Feb. 24, 1914—Louisville, Ohio. Dispersion Sale. William Justice. 40 head.
April 7-8, 1914—Syracuse, N. Y., C. F. Hunt.
Feb. 25, 1914—Elkhorn, Wis. Voss & Turner, and W. E. Palmer. Dispersion, 100 head.
Feb. 25, 1914—Canton, Ohio. Geo. A. Klotz Dispersion 75 head. F. P. Sutliff, sale manager.
March 10-11, 1914—Syracuse, N. Y. Liverpool Sale & Pedigree Co. Third Public Sale.
March 17, 1914—Streator, Ill. A. J. Daugherty, 60 head.
March 20, 1914— Apple Creek, O. Dr. C. R. Sprunger, 50 head.
March 19-20, 1914—Marley Ill. Mokena Farms Dispersion, 140 head. E. V. Maltby, Prop.
March 25-26, 1914—Syracuse, N. Y. Breeder's Consignment Sale Co. Seventeenth Public Sale.
April 9, 1914—R. D. Lee, Cazenovia, N. Y.
April 14, 1914—Alta, Ill. I. J. Case and J. W. Garvey.
April 15, 1914—Cortland, N. Y. Beard's sale.
April 20, 1914—Hampshire, Ill. T. E. Getzelman.
April 21-22, 1914—Algonquin, Ill. R. E. Haeger.
April 22, 1914—Howell, Mich. Howell Consignment Sale Co. 100 head.
April 25, 1914—Gustavus, O. B. E. Totten, 100 head.
April 27, 1914—Youngstown, Ohio. Complete Dispersion. Idora Place, Wm. Bakody. 90 head.
April 28, 1914—W. C. Jewell. Dispersion Sale. Kinsman, Ohio. 90 head.
May 5-6, 1914—Syracuse, N. Y. New York State Breeders' Sale Co.
May 13-14, 1914—Syracuse, N. Y., E. M. Hastings. 1914 Guaranty sale.
May 20-21, 1914—Sidney, N. Y. Tri-County Holstein-Breeders' Association. Second Annual Sale.
May 26, 1914—Worcester, Mass. Third Annual New England Breeders' Sale.
June 4-5, 1914—Chicago, Ill. Western Breeders' Consignment Sale Co.
October 21-22, 1914—Barrington, Ill. Barrington Breeders' Association. Semi-annual.

NEW ADVERTISEMENTS.

The back cover page abounds in interesting facts and new ideas, which you might find it profitable to give your consideration.

* * *

Good cattle that can be bought are hard to find. H. Perkins & Son, Red Creek, N.Y., are short of feed and have to sell ten head at once. Read their ad.

* * *

The Lockhart Holstein Farm is maintaining its reputation as the home of Holsteins that can produce. This week they offer a bull calf out of a 3-yr.-old with a 101.8 lb. 30-day record, sired by King of the Black & Whites—the only sire whose seven nearest dams average over 31 lb. Further details in the ad.

* * *

Thomas Reese, Linden, Pa., offers five extra-choice tuberculin tested heifers, whose breeding is of the best—all from good record dams. He can also make a few other offerings, which are described in his ad.

* * *

The Lakeside Herd has long been a familiar one in Holstein circles—on account of its records in the show ring and at the pail. Their adver-

tisement this time describes beautiful bulls and handsome heifers at prices profitable to the purchaser.

* * *

If you are contemplating holding a sale, consult the World Auctioneers' Column. The new name in the list this week is Warde R. Weiler, Warren, Pa.

* * *

The Hornless Holstein Farm, Waverly, Pa., has been finding a ready market for their surplus bulls through the medium of the World. This week they offer an October calf at $100.00.

* * *

Green Acre Farm offers the services of a son of a famous 36-lb. cow. This is a good kind to use in getting your next herd sire. See the ad. of John A. Miller, Nazareth, Pa.

* * *

C. H. Fitch & Sons have in service one of the best sons of King of the Pontiacs. They are offering bull calves sired by him from A. R. O. dams at prices that are surprising, quality considered.

* * *

A good Ohio sale is scheduled for February 25, at Canton, the occasion being the dispersal of the George A. Klotz herd. The seventy-five head include eleven granddaughters of King of the Pontiacs. Also granddaughters of Hengerveld De Kol, Pietertje Hengerveld's Count De Kol, and De Kol 2d's Mutual Paul. The ad. tells the whole story.

* * *

Did you ever aspire to own a daughter of King of the Pontiacs ? Bush & Coveney offer a June heifer by the King, and from a good record daughter of Earl Korndyke De Kol. Be sure to read their ad.

* * *

Hugh J. Davis, Broadalbin, N.Y., offers a bull calf whose two nearest dams average over 31 lb. Strong in the blood of Pontiac Korndyke, King Segis and Paul Beets De Kol. A calf of this quality is bound to make a great sire.

* * *

N. M. Compton offers his farm of 400 acres in Chemung Co., N. Y., near railroad and trolley lines, and stocked with purebred registered Holsteins. This should interest someone that wants to make a start in the right direction.

* * *

Auray Farms supply of "satisfied customers" seems to be unlimited. Read the testimonial in their ad. this time.

* * *

A. Risley wants to buy purebred Holstein females, any number from a few to a whole herd. See his ad. for further requirements.

* * *

Never cease to tell your neighbor of the superior digestibility and nutrition of Holstein milk. The Association ads. that appear in the World may give you an idea as to what arguments will convince.

* * *

Scientific farming demands that we supply to our soil the necessary elements that are lacking. Your success or failure may depend upon the wisdom you display in this all-important matter. The Federal Chemical Company in their ad. give some interesting information and will be glad to send you some very instructive literature. They want to help you make your farm produce what it should.

* * *

W. B. Jewett offers a bull calf sired by Sir Segis Korndyke Walker, one of the best grandsons of Hengerveld De Kol and King Segis, and from a daughter of Pontiac Korndyke Hengerveld, a $2000.00 son of Pontiac Korndyke and Pontiac Pleione 26.1 lb. in 7 days, 925 lb. in 346 days), who was by Hengerveld De Kol. This calf should go quick at the price named in the ad.

* * *

Woodcock Bros. offer a hundred dollar calf whose breeding is of a high order. The Hengerveld De Kol-Johanna combination produces results every time.

* * *

A good many breeders are in search of a competent manager or herdsman, a man that is "on to his job" in all phases of the work. Such men will be interested in the ad. of the young man from Hannibal, N. Y., which appears in this issue.

* * *

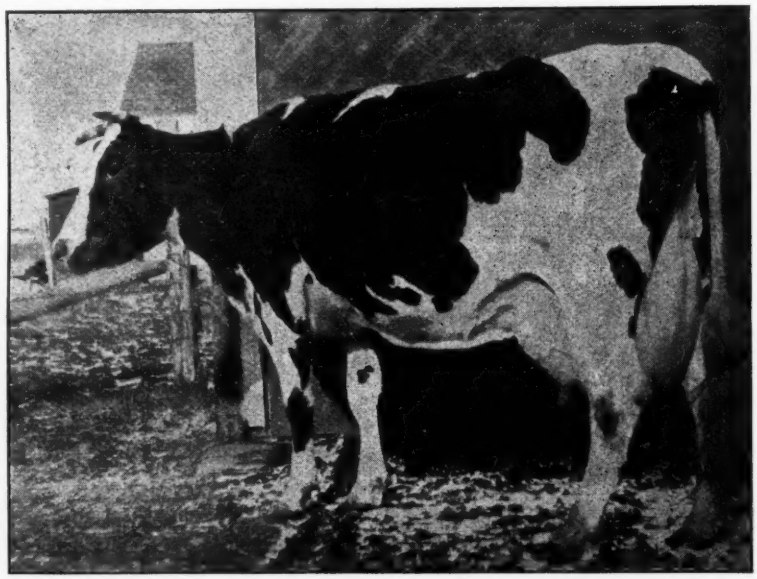
See the preliminary announcement of the dispersion of E. V. Maltby's great herd, gathered together at the cost of much time and money, and now to be offered to the public on account of pressure of other business. Read this ad. carefully, and then watch succeeding issues.

* * *

W. C. Jewell's herd is essentially a "breeder's herd," over half of the ninety-two head being daughters of the two herd sires. This dispersion sale will offer unusual attractions to the breeder in search of highly bred cattle. This advertising campaign is just beginning. There will be more interesting reading in regard to this herd before April 28.

* * *

Few sons of Pontiac Korndyke can be bought at any price, but when they are offered for sale the prices they bring are matters of history. J. W. Prentiss & Son offer a son of this noted sire, from a heavy producing daughter of King Pontiac Artis, one of the best sons of King of the Pontiacs. This is quite a combination.



BETSEY HAMILTON BEAUTY—Another "three-time 30-lb. cow," owned by A. A. Hartshorn Holstein Co., Hamilton, N. Y.

ANOTHER THREE-TIME 30-LB. COW

Just as we go to press word comes that Betsey Hamilton Beauty, owned by A. A. Hartshorn Holstein Co., is now making her third 30-lb. record. Up to noon of February 9th, she had to her credit for her best seven days 585.6 lb. milk, 30.21 lb. butter, but as she is steadily gaining, these figures will be increased quite materially. She is a daughter of Admiral Walker Pietertje and the 29-lb. cow, Bessie Hamilton 2d.

Following is a list of her preceding records:

At 5 yr. 1 mo.—	
Butter	31.23
Milk	577.10
At 4 yr. 14 days—	
Butter 7 days	30.96
Milk	567.40
Butter 20 days	126.49
Milk	2461.90
(World's 30-day butter record when made).	
At 2 yr 1 mo.—	
Butter	17.86
Milk	347.20

OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS.

Dec. 6-18, 1913—266 Cows

Name of Cow and Owner	Age y.	m.	d.	Lbs. Milk	Per cent But. Fat	Lbs. But. Fat
Full-aged class.						
Nioma Pietertje 3d 135663, Julius V. Fredericks	5	8	4	463.2	5.04	23.364
Yankee Annie Korndyke 93345, James Phelan	7	5	21	423.8	5.27	22.349
Queen Jetta De Kol 102961, E. C. Brill	6	9	2	480.1	4.62	22.168
Nellie Rector 2d's De Kol 89252, A. J. Daugherity	7	3	17	626.4	3.52	22.028
Lindenwood Blossom 100719, G. W. Rising	6	8	16	442.5	4.81	21.296
Fourteen-day record				873.6	4.64	40.569
Elzevere Barnum De Kol Pietertje 84473, J. Fred Smith	8	6	12	526.1	3.99	20.969
Duchess De Kol Rose 99829, Fred N. Turner	6	7	10	519.3	3.93	20.415
Queen Keyes Veeman 106187, Edsall B. Reynolds	5	6	10	464.3	4.33	20.091
Lady Gerda Spot Ykema 2d 101603, Frank J. Severance	6	8	12	716.1	2.80	20.066
Fourteen-day record				1467.6	2.74	40.178
Vergens Johanna 89017, Geo. S. Cole	7	0	20	596.0	3.36	20.039
Belle Calypso De Kol 114600, E. H. Knapp & Son	5	8	6	465.5	4.15	19.307
Corona Johanna De Kol 89410, E. H. Knapp & Son	7	9	14	497.0	3.86	19.186
Princess Ciruela DeKol Mechthildus 96562, M. M. Holdrige	6	8	11	586.9	3.22	18.916
Winnie Cornucopia 86597, Don J. Wood,	8	0	25	622.2	3.02	18.776
Pauline Duchess Lutscke 155859, Eben Richards	5	0	7	462.9	4.04	18.722
Segis Flossie 129889, F. H. Thompson & Son	6	2	22	547.3	3.33	18.245
Thirty-day record				2291.7	3.23	74.025
Lady Milly Posch De Kol 79836, John A. Miller	8	3	21	543.0	3.24	17.619
Thirty-day record				2212.6	3.14	69.382
Albino Fayne 145906, F. H. Thompson & Son	5	6	14	486.0	3.59	17.445
Thirty-day record				1946.3	3.64	70.803
Topsy Pauline 2d 106996, Harry Lee Martin	6	4	4	594.9	2.92	17.375
Magali 2d's Canary Mercedes 77600, E. T. Winship	9	1	8	506.1	3.38	17.115
Clothilde De Kol Ava Butter Girl 107792, C. W. Hewitt	6	8	5	573.5	2.98	17.094
Johanna Colantha Pietertje De Kol 96357, J. F. Schmidt	6	9	16	506.2	3.36	17.003
Pleasant Hill Veeman Laura 109049, W. D. Robens	6	1	1	476.0	3.54	16.837
Wietske Inka DeKol Korndyke 110184, Tranquillity Farms	5	8	26	436.0	3.83	16.711
Ruth DeKol Buttercup 2d Doris 105951, R. E. Chapin	6	5	2	487.3	3.38	16.485
Mechthilde DeKol Pietertje Posch 99692, A. J. Daugherity	6	5	12	523.8	3.10	16.256
Loucette Clothilde DeKol 2d 78178, Herman S. Cheney	8	8	18	508.0	3.16	16.074
Fourteen-day record				1007.7	3.09	31.126
White Honeysuckle 2d 95483, Edgar F. Copeland	7	3	16	523.0	3.04	15.874
Minnie Tehee Thorla 100176, Knud J. Lund	6	10	11	534.2	2.96	15.835
Lady DeKol Paul Vale 97603, Eben Richards	7	0	0	421.5	3.75	15.793
Thirty-day record				1718.1	3.61	62.094
Nettie Deane Johanna DeKol 89284, Edgar F. Copeland	7	1	4	449.3	3.49	15.700
Clothilde Abbekerk Belle Johanna 87481, Frank D. Potter	7	9	12	486.6	3.22	15.686
Canary Vale 119246, L. S. Mohr	5	7	22	539.0	2.89	15.571
Springdale Johanna Maid 117729, John Puls	7	6	8	445.3	3.49	15.531
Koningen De Kol Pietertje 2d 122311, John A. Miller	5	1	26	441.2	3.51	15.485
Beatrice Kordova Netherland 114907, O. A. Donovan	5	7	12	448.9	3.40	15.263
Willoughby Fancy De Pauline 107138, John W. Worthington	6	11	21	470.6	3.24	15.242
Fourteen-day record				914.7	3.22	29.447
Minnie Wilson 2d Lakeside Hengerveld 103053, Knud J. Lund	5	11	13	460.2	3.30	15.181
Netherland Inland De Kol 103782, Thos. Darcey & Sons	6	6	1	434.6	3.45	14.995
Cynthia Terpstra 82300, MBC Orphanage and Home	8	5	12	358.4	4.16	14.894
Lady Madrigal Burke, 80781, Gormley Bros.	8	11	7	356.8	4.17	14.875
Lady Jane Artis De Kol 80683, Fay & Cloyes	7	10	26	512.0	2.89	14.791
Minkie De Vries of Maple Hill 3d 76614, S. L. Bryant	9	0	10	496.3	2.97	14.764
Lassie Pietertje Hengerveld DeKol 123951, M. A. Maclean	6	1	10	450.8	3.22	14.511
Princess Calamity Jane DeKol 2d 117572, P. R. Bennett	5	6	28	417.8	3.47	14.501
Fourteen-day record				766.1	3.56	27.255
Hailey Veldoor Clothilde DeKol 99377, T. J. Bowlker	6	11	18	407.4	3.54	14.438
Belle Ormsby De Kol 110341, Henry B. Favill	5	9	4	419.6	3.38	14.202
Perfection Lorena 96468, Hawthorne Farms Co.	6	7	27	373.0	3.76	14.038
Rose Daisy Agnes Mercedes 136263, LP & RW Forristall	5	1	19	396.0	3.54	14.016
Adios Sleepy Hollow 110117, M. M. Holdridge	5	9	9	462.7	3.01	13.905
Madam Koningen 115160, D. F. Burgess	8	0	2	446.4	3.10	13.830
Bloom Janzen Artis 2d Lassie 114411, D. F. Burgess	5	7	15	369.7	3.63	13.428
Flossie De Kol Butter Girl 74278, Hawthorne Farms Co.	9	7	25	363.8	3.67	13.351
Florence Markwell 108620, J. M. McCamant	6	0	4	364.2	3.60	13.096
Sterling Galaxy De Kol 102160, W. H. Steiner	7	8	10	396.2	3.21	12.736
Dora Merrilles De Kol 95219, G. N. Sharpe	6	11	23	354.4	3.58	12.680
Alka Maplecroft Pietertje 131060, John E. Potter & Son	6	9	14	410.1	3.09	12.652
Aaggie Leila De Kol 3d 90663, Irving B. Andrew	6	8	1	443.0	2.85	12.647
Daisy Dell 2d 90770, I. J. Focht	7	6	14	326.2	3.82	12.466
Zereta Johanna De Kol 96939, Fred A. Quick	7	1	4	415.6	2.99	12.412
Decker Maid 2d 122508, Milton W. Sprague	5	0	29	425.5	2.91	12.395
Juanita Guilbert Pietertje 104535, J. I. VanKeuren & H. H. Durfee	5	11	21	415.1	2.96	12.289
Zanca De Kol Longfield 99334, R. H. Thomas	6	0	9	338.8	3.61	12.240
Plum Netherland De Kol 149134, R. D. Lee	7	3	24	403.0	3.03	12.214
Hilltop Harriette De Kol 113569, M. M. Wakeley & Son	5	7	13	380.2	3.20	12.179
G. & B. Calamity De Kol 122506, Milton W. Sprague	5	0	20	377.9	3.20	12.086
Senior Four-year class.						
Wisconsin Daisy of Sleepy Hollow 133794, L. A. Hall	4	6	7	619.4	3.86	23.925
Myrtle Wayne 130112, Isaac Stephenson	4	10	22	545.8	4.18	22.818
Aaggie Fayne 145909, F. H. Thompson & Son	4	10	20	606.7	3.55	21.524
Thirty-day record				2325.6	3.43	79.655
Johanna Akkrummer 132519, J. F. Schimdt	4	6	11	510.2	3.91	19.953
Shadybrook Lady Fayne 131817, M. E. Moore	4	9	28	519.4	3.77	19.602
Shiawassee Pontiac Venus 123853, Geo. S. Cole	4	10	24	539.3	3.40	18.314
Zeffie Adella Paul 122492, Fred N. Turner	4	11	6	483.7	3.46	16.742
Magali 2d's Canary Mercedes 2d 122789, E. T. Winship	4	11	15	454.3	3.48	15.787
Johanna De Kol Piebe Night 118889, John A. Warber	4	11	27	405.3	3.73	15.128
Wayne Pauline Abbekerk 117226, Hawthorne Farms	4	10	26	408.1	3.64	14.858
Marydale Pauline 131037, Jarvis Bros.	4	6	13	372.9	3.91	14.568
Jean Dulcie 3d, E. J. Brosious	4	7	23	397.6	3.64	14.512
Mercedes Forrisy De Kol 122495, Fred N. Turner	4	7	11	432.6	3.32	14.360
Shadeland Emeline 2d 133454, Fred Pabst	4	6	11	431.9	3.29	14.189
Crown Grietje Cornucopia 124058, Roscoe Case	4	9	28	451.3	3.07	13.844
Vina Pietertje Hengerveld De Kol 123950, M. A. Maclean	4	9	27	398.7	3.21	12.801
Boskadel 2d 123945, M. A. Maclean	4	9	16	396.1	3.13	12.406
Betta Colantha 2d 132103, R. H. Thomas	4	6	13	348.6	3.26	11.354
Junior four-year class.						
Netherland Segis 2d 120488, B. C. Mental Hospital	4	1	23	677.0	3.92	26.534
Thirty-day record				2868.0	3.72	106.691
Queen Colantha Fayne 136742, Willow Glen Stock Farm	4	0	15	591.3	3.19	18.893
Piebe Longfield Burke 142264, Isaac Stephenson	4	0	11	515.7	3.60	18.561

Breeder's Bulletin

W. T. Sherman, Moravia, N. Y., writes: I recently purchased the entire herd of Merritt Wilcox, fourteen head in all—a herd of extra quality. As a herd header I have secured a son of King of the Pontiacs from a 17-lb. dam. This record was made in July, and as I had great confidence in the cow I purchased her with the idea of giving her a record somewhere near the limit of her capacity.

* * *

R. W. Dennis, Jasper, N. Y., writes: My advertisement in the World sold the bulls in a hurry. The yearling son of Star Farm Lyons Cornucopia and Govers De Kol (31.15 lb. butter, 603 lb. milk), went to R. P. Brown, Jasper, N. Y. He was an extra fine individual, as was also his dam. He is bound to make good, as that rugged stalwart kind from 30 lb. stock all have a future.

* * *

J. M. McCamant, West Chester, Pa., writes: My cow, Canary Irmena Mercedes, a daughter of Canary Mercedes Alban, is soon due, and I expect to make a 25-lb. record with her. Am just finishing a 19-lb. record on her daughter, a senior 3-yr-old that has already dropped three calves. The daughter weighs 1525 lb. now, and we are expecting great things from her as she matures. My herd numbers twenty-five head, only eleven of which are over fifteen months old. We have put seven of the eleven in the A. R. O. this winter, and expect to put in several more before spring.

* * *

G. W. Rising, Fayette, O., writes: Since you visited the Risinghurst Herd last fall we have been doing a little official testing. Following are some of the records recently completed: Lindenwood Hope, semi-official, at 4½ years—1164.31 lb. butter, 20,404.6 lb. milk, averaging 4.56 per cent. fat for the year. This is the World's Record in her class by over 120 lb. butter. She also holds the World's Record in the eight months after calving division. One of the most remarkable things about this year's record is that she was carrying a calf seven months of the year. Crown Princess Maxie De Kol 2d, another senior 4-yr-old, produced 36.77 lb. in seven days, 142.27 lb. in thirty days—the World's 30-day record for all cows under full age.

Aaggie Beauty of Lindenwood 2d, a junior 4-yr-old, has just completed a 7-day record of 30.13 lb. She is a three-fourths sister to Lindenwood Hope.

Lindenwood Nudine Johanna, a 22 months old heifer, made 20.50 lb. We have a nice bunch of heifers due a little later, and shall hope to be able to report some more good records at that time.

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Harold F. Hubbs, Kirkville, N. Y., writes: We have just sold the last one of our last season's crop of males sired by our Walker Lilith Altoana. This one was taken by Charles Button of Chittenango, N. Y.

Walker is one of the very best bred bulls in the world. His dam, Lilith

Unessia Netherland Pauline 126368, Geo. Weyeneth	4	3	0	541.2	3.36	18.164
Lady Pearl Butter Girl 136532, C. S. Lunt	4	1	22	481.1	3.67	17.634
Lady Ivaloy 2d 137477, P. Buth	4	1	5	517.5	3.29	17.049
Traverse Pansy Lass 128901, Dudley E. Waters	4	4	15	542.4	3.04	16.493
Greenwood Johanna De Kol Spofford 137830, E. H. Knapp & Son	4	1	23	444.1	3.42	15.206
Hengerveld Clover Lawn 132443, John Puls	4	2	9	417.7	3.35	14.013
Bos Lady May Beauty De Kol 126466, Herman H. Kuenzi	4	2	1	415.8	3.22	13.385
Erma Gewina Korndyke 130095, J. A. Warber	4	1	4	295.2	4.20	12.413
Meg of Clayton 155147, B. W. Dickinson	4	2	14	305.7	3.79	11.574
Canary Artis Narcissa 124904, Hawthorne Farms Co.	4	2	22	361.6	3.06	11.078
Thyra Scott 2d 137476, Jno. W. Worthington	4	1	25	316.3	3.44	10.891
Senior three-year class.						
Velma Korndyke 142861, Isaac Dalrymple	3	7	29	474.6	4.38	20.800
Winnie De Kol Albino 2d Girl 134322, Albin R. Pfau	3	11	5	608.2	3.17	19.269
Pabst Hengerveld De Freule 135438, Fred Pabst	3	7	12	459.7	4.17	19.149
Fourteen-day record				929.5	4.91	36.389
Up to Date Canary Elzevere Vale 144327, John W. Worthington	3	11	12	500.8	3.64	18.215
Lady Tritomia Ormsby 2d 165047, J. F. Schmidt	3	9	4	417.3	4.16	17.360
Grant Friend Sunlight De Kol 147409, Geo. H. Gillespie	3	6	17	417.6	4.14	17.289
Lady Black Koroba 3d 141892, Alton Miller	3	9	2	494.2	3.47	17.156
Thirty-day record				1921.8	3.53	67.907
Frankie Johanna Rue Sarcastic 145261, Isaac Stephenson	3	9	28	480.3	3.52	16.892
Fairmont Dichter Burke 143874, Fred E. Wells,	3	10	15	471.9	3.51	16.586
Fourteen-day record				900.3	3.55	31.930
Jolie Countess 181279, O. U. Kellogg	3	11	21	476.8	3.38	16.135
Princess Korndyke Pietertje 147956, H. J. Shultz,	3	8	18	409.5	3.88	15.891
S. H. Pauline Frenesta 132551, U. S. Soldiers' Home	3	10	10	542.6	2.93	15.886
Abbie Pietertje Wayne Cornucopia 144315, M. J. McPherson	3	9	22	429.0	3.67	15.736
Dell Mutual De Kol 151279, George Dague	3	7	1	361.6	4.33	15.646
Johanna Fayne Korndyke 129891, Isaac Stephenson	3	10	27	458.2	3.41	15.615
Twenty-one day record				1336.6	3.43	45.832
Lucy Mechthilde Hengerveld 143856, Geo. D. Wilson	3	8	27	437.1	3.37	14.744
Segis Shepard Pauline 129597, Herman S. Cheney	3	9	2	510.8	2.85	14.541
S. H. Pietertje De Kol Johanna 132546, U. S. Soldiers' Home	3	9	15	492.8	2.92	14.374
Grace Shepard Colantha DeKol 129596, Herman S. Cheney	3	9	11	354.6	3.94	13.969
De Kol Korndyke Pet 140868, Orvil E. Sooy	3	11	21	412.0	3.37	13.892
Johanna Watson Duchess 2d 153641, J. F. Schmidt	3	11	28	425.8	3.20	13.634
Beauty Virgo De Kol 2d, 138608, E. T. Winship	3	11	7	456.5	2.98	13.615
S. H. May Hengerveld Frenesta 132554, U. S. Soldiers' Home	3	11	15	474.5	2.85	13.506
S.H. Mercedes Inka Korndyke 132555, U.S. Soldiers' Home	3	7	4	463.5	2.88	13.369
Laurel Mechthilde De Kol 128058, Herman S. Cheney	3	8	23	436.4	3.04	13.259
Fourteen-day record				856.3	3.03	25.913
Vinette Pontiac De Kol 138634, E. C. Brill	3	7	3	367.0	3.61	13.237
Pietertje Suse Colanthus Pouter 146646, Orvil E. Sooy	3	9	18	415.6	3.16	13.150
Up to Date Korndyke Maid 131739, J. G. Hays	3	11	10	396.0	3.24	12.838
Lunde Lilith 140674, Don J. Wood	3	11	16	389.8	3.25	12.684
Jean Dulcie 4th 129925, E. J. Brosious	3	8	20	358.2	3.49	12.510
Philpail Jessie Alcartra 138887, Geo. E. Adamek & C. L. Bratzler	3	11	28	286.4	4.29	12.275
Johanna Paulantha 131510, Hawthorne Farms Co	3	9	12	326.0	3.75	12.212
Yucca Clothilde Pauline 148681, W. D. Robens	3	7	19	359.6	3.39	12.178
Dakota De Kol Gerben Pauline Rue 160142, P. A. Zollman	3	8	8	402.5	2.99	12.042
Arpin Colantha 145525, J. F. Schmidt	3	6	4	384.1	3.12	12.001
Sunlight Cornucopia Wayne De Kol 144316, Lakewood Farm	3	9	14	357.6	3.31	11.819
Jess Pauline De Kol 135348, Richard Krull	3	6	7	277.0	4.25	11.770
S.H. Ursena Aaggie Frenesta 141558, U.S. Soldiers' Home	3	7	0	408.0	2.85	11.646
Pledge Spofford 2d 137834, E. H. Knapp & Son	3	9	13	357.7	2.93	10.468
Hartog De Kol Korndyke 132410, Hawthorne Farms Co.	3	8	3	251.5	4.01	10.093
Junior three-year class.						
Houwtje Mechthilde Calamity Wayne 2d 161791, S. H. Munsell	3	0	16	500.1	4.00	20.025
Nifty Nan 135800, B. C. Mental Hospital	3	2	28	634.0	3.04	19.251
Thirty-day record				2607.3	2.87	74.831
Aberdeen Shadeland Concordia 161370, Geo. H. Gillespie	3	0	6	513.8	3.53	18.144
Pontiac Metis 2d 152326, Allamuchy Farms	3	5	11	500.0	3.52	17.585
Spring Brook Darkness 158618, Knapp & Pierce	3	0	1	498.7	3.47	17.284
Fannie Netherland Vale 161037, S. H. Munsell	3	1	21	460.9	3.31	15.256
Goldie Posch Korndyke 161552, S. H. Munsell	3	1	20	411.6	3.59	14.756
Hilda Lassie149555, E. D. Gibbs	3	4	25	340.4	3.46	14.705
Korndyke Senorita 194170, Univ. of California	3	1	1	427.9	3.40	14.539
Dakota Yankee Dutchland Alice 160143, P. A. Zollman	3	5	2	444.0	3.23	14.321
Sita Artis Pauline Posch 131552, Eben Richards	3	5	29	473.2	2.95	13.954
Thirty-day record				1932.2	2.87	55.459
Pietertje Ruth Mercedes De Kol 135700, R. H. Thomas	3	5	6	367.0	3.70	13.595
Lady Madge Korndyke 160377, Strickland Bros.	3	1	3	373.1	3.55	13.236
Clothilde Nina Alma 151278, M. B. Stevens	3	5	18	352.3	3.70	13.038
Belle Faskie Hengerveld De Kol 154811, M. A. Maclean	3	4	12	408.4	3.19	13.014
Rik Friesland Pride 158320, E. D. Gibbs	3	0	24	344.1	3.67	12.639
Ruby Valdiva 2d 148611, Isaac Stephenson	3	3	16	308.5	4.03	12.431
Jamaica Concordia 162407, Don J. Wood	3	0	17	401.4	3.09	12.394
Lady Beets Mechthilde 158945, Richard Krull	3	0	23	302.1	4.10	12.391
Colantha Pudmina De Kol 142916, Herman S. Cheney	3	1	1	358.1	3.40	12.182
Lady Etta Rue 153606, Knud J. Lund	3	3	3	338.5	3.58	12.133
Imperial Nancy De Kol 154485, M. M. Holdridge	3	1	1	343.2	3.52	12.082
Lelie Kordova Netherland 155726, O. A. Donovan	3	2	4	376.2	3.19	11.993
Rik Oakland Pride 158319, E. D. Gibbs	3	0	21	385.1	2.94	11.326
Jane Artis Colantha De Kol 135927, Herman S. Cheney	3	5	3	265.6	4.14	10.997
Marie Ormsby 153433, C. B. Reddelien	3	5	21	272.0	3.92	10.673
Cloverdale Segis Hengerveld 147905, A. J. Daugherity	3	2	12	347.9	3.03	10.525
Willowbridge Canary 2d 135818, Tennessee Exp. Sta.	3	5	10	236.5	4.43	10.467
Senior two-year class.						
Mildred Veeman Korndyke Pontiac 165060, W. D. Robens	2	8	12	438.2	3.75	16.434
Thirty-day record				1862.9	3.64	67.763
Sara Jewel De Kol Hengerveld 216636, W. W. Brown	2	11	14	361.5	4.48	16.207
Thirty-day record				1677.1	3.85	64.622
Gertrude Wayne Colantha Fayne 157392, Isaac Stephenson	2	6	23	374.5	4.31	16.140
Thirty-day record				1634.5	4.09	66.846
Genieve Pietertje Hengerveld 151535, M. J. McPherson	2	11	28	444.8	3.46	15.375
Ontaria De Kol Concordia 155764, C. S. Lunt	2	6	22	374.4	4.06	15.211
Johanna Lucy Best 161454, J. F. Schmidt	2	10	14	404.8	3.73	15.116
Sunlight Beauty Pietertje 151539, M. J. McPherson	2	9	12	452.4	3.27	14.807
Teresa Pietertje Pern 2d 153855, Thos. H. Dyer	2	8	8	477.8	2.94	14.069
Winana Pontiac Hengerveld 174466, E. C. Brill	2	7	10	373.6	3.76	14.061
Grace Mechthilde Beets 195737, Geo. D. Wilson	2	8	13	375.0	3.53	13.254
Moonlight Cornucopia Pietertje 2d 151538, Lakewood Farm	2	11	1	340.4	3.81	12.980
Columbo Pontiac Zeffie 157648, Fred N. Turner	2	10	3	375.4	3.36	12.617

Altoana De Kol (33.61 lb. butter in 7 days), is the only heifer that ever made a world's record as a 2-yr-old and again as a 3-yr-old, averaging 30.35 lb. butter for the two tests, and she is by Lilith Pauline De Kol's Count, the best son of Lilith Pauline De Kol, who for several years held the world's four-year-old record and she by De Kol 2d's Paul De Kol, sire of the first 34 lb. cow.

The dam of Lilith Altoana De Kol is a 24-lb. granddaughter of De Kol 2d's Butter Boy 3d, with over 100 lb. butter in 30 days, and she is the dam of three with records of 25.21 to 33.61 lb., butter in 7 days.

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Walker's sire, Matador De Kol Walker, already has two 20-lb. junior 2-yr-old daughters, one of them making a world's record for 100 days. His sire is Artis De Kol Walker, a son of Beauty Pietertje (30.51 lb.), the first 30-lb. cow to have a 30-lb. daughter, also the best daughter of Prilly, the greatest transmitting cow of the breed through her daughters. A daughter of Artis De Kol Walker has just completed a 33-lb. record. His dam is Matador Twisk Minnette (27.22 lb. butter in 7 days and 108.85 lb. in 30 days), and she the dam of one 20-lb. cow.

The calf we are advertising this time is a son of Walker Lilith Altoana, from a nice daughter of Sulphur Springs King Segis, who is one of the best sons of King Segis.

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C. L. Updike, Seeley Creek, N. Y., writes: The dam of the bull I am advertising in this issue of the World is not now in the Advanced Register, but we expect to give her an official record when she freshens, which will be in the near future. As a 2-yr-old she gave in eleven months 10,758 lb. milk, and again as a 3-yr-old, 11,634 lb. in ten months. Her dam and grandam are both A. R. O. cows and all are good producers and excellent milkers. The bull advertised last week is already sold.

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Frank P. Sutliff, Cleveland, Ohio, writes: It has been our experience that breeders in general appreciate good offerings in a public sale, when they are given the opportunity to know about them. For this reason I want to say a few words concerning the character of the animals comprising the George A. Klotz herd, which is to be dispersed in public sale at Canton, O., February 25.

This herd was founded five years ago, and has been built up with great care. Good bulls have always been used, the present sire being a son of De Kol 2d's Mutual Paul. In the herd are eleven beautiful granddaughters of King of the Pontiacs, also granddaughters of Hengerveld De Kol, Pietertje Hengerveld's Count De Kol, De Kol 2d's Mutual Paul, and other noted sires. Some of the cows are in calf by a 29-lb. son of King of the Pontiacs; others by a sire whose six nearest dams average over 30 lb., a grandson of Colantha Johanna Lad; others to a sire whose eight nearest dams average 31.71 lb.; and still others, to a son of Pontiac Korndyke. It will thus be seen that the calves these cows are carrying will be very valuable. All animals over six months are tubercu-

Ormsby Jessie De Kol 2d, 149662, John W. Worthington	2	11	22	372.2	3.35	12.452
Bellewood Roe 3d 155015, Irving N. Rowe	2	10	2	373.9	3.32	12.423
Granite Ridge Princess 2d 171956, C. W. Hewitt	2	6	3	379.4	3.24	12.303
College Jane 149338, Michigan Agr. Col.	2	10	21	295.2	4.02	11.855
Morsefield Hengerveld Segis 154524, Fred E. Wells	2	9	17	384.9	3.07	11.804
Fourteen-day record				730.8	3.13	22.871
Greenwood Lyons Betta 165779, Thos. H. Dyer	2	8	5	359.8	3.22	11.577
Small Hopes De Kol Clothilde 156324, L. P. Forristall	2	6	7	295.7	3.86	11.403
Aaggie Beets De Kol Belle 154313, F. D. Markham	2	6	25	367.7	3.05	11.228
Princess Fleda Hengerveld 160645, W. C. Gleim	2	11	20	337.0	3.27	11.033
Betty Hengerveld Segis De Kol 175280, L. W. Durgan	2	6	10	382.9	2.84	10.896
Beryl Maid Mutual Beets 153908, F. D. Markham	2	6	15	323.7	3.32	10.763
Mercedes Aaggie Belle 163510, W. C. Gleim	2	9	21	287.2	3.72	10.688
Ash Grove Vina Aaggie 157530, Iowana Farms	2	10	12	294.4	3.62	10.662
Pleasant View Hengerveld Queen 163508, W. C. Gleim	2	9	1	320.1	3.26	10.447
Jewel Johanna De Kol Alice 159968, M. B. C. Orphanage and Home	2	9	13	279.7	3.71	10.364
Milly Hengerveld Pauline 163384, Knud J. Lund	2	11	24	350.9	2.91	10.211
Keystone Clothilde Butter Girl 161649, F. R. Allis	2	10	12	309.3	3.21	9.920
Canary Ononis Jewel 156322, R. W. Forristall	2	9	10	359.8	2.71	9.750
Aaggie Grace Midget 152371, Mt. Hermon Boys' School	2	7	11	318.2	3.06	9.727
Fern Cliff Mink 142794, Iowana Farms,	2	11	15	265.2	3.59	9.526
Gertrdue Mercedes Abbekerk DeKol 154907, R. H. Thomas	2	8	18	255.6	3.72	9.510
Johanna De Pauline Skylark 150078, Fred Pabst	2	7	21	325.7	2.92	9.499
Laurel Albina Pietertje 159939, Herman S. Cheney	2	6	8	289.6	3.27	9.457
Princeton Rosalind Cora Mercedes 161348, Henry C. Delano	2	7	22	309.4	3.05	9.447
Piersma Colantha Segis 142917, Herman S. Cheney,	2	11	14	317.5	2.96	9.409
S. H. Drosky Hengerveld Frenesta 152686, U. S. Soldiers' Home	2	9	22	359.6	2.55	9.171
Netherland Daisy Hengerveld 160643, W. C. Gleim	2	9	9	281.4	3.23	9.084
S. H. Winifred De Kol 168700, U. S. Soldiers' Home	2	6	19	283.0	2.95	8.362
Junior two-year class.						
Almeda Pietertje Clothilde 2d 206245, L. E. Connell	2	5	10	466.2	3.72	17.364
Fourteen-day record				912.7	3.56	32.473
Grant Shadeland Flossy De Kol 203428, Geo. H. Gillespie	2	0	20	440.7	3.62	15.939
Groveland Albino Inka 179546, John A. Ballou	2	1	13	448.2	3.52	15.797
Colantha Buttercup 172377, R. E. Buell & W. L. Moses	2	1	23	390.2	3.79	14.783
Princess Aberdeen Concordia 203429, Geo. H. Gillespie	2	0	27	353.6	4.01	14.172
Pabst Snowball 157371, Fred Pabst	2	4	9	365.9	3.86	14.130
Lady Piebe Clothilde De Kol 170086, Owen D. Minges	2	2	13	366.3	3.86	14.125
Concordia Houwtje Sunlight De Kol 203427, Geo. H. Gillespie	2	0	11	340.4	4.07	13.861
Houwtje Shadeland Sunlight De Kol 203426, Geo. H. Gillespie	2	0	8	337.3	4.04	13.639
Buckeye Koveka De Kol 2d 161759, O. A. Donovan	2	1	11	401.8	3.26	13.099
Trilby Calamo De Kol 184224, R. E. Haeger	1	11	18	272.4	4.68	12.750
Beauty Pietertje Ormsby Canary 177776, C. B. Reddelien	2	4	19	320.1	3.79	12.140
Spring Brook Hamilton Pearl 183441, Knapp & Pierce	2	0	23	374.7	3.22	12.079
Princess Kodienna 212574, P. Buth	2	0	10	342.5	3.45	11.817
Greenwood Lyons Pauline Beets 185585, Thos. H. Dyer	2	0	18	393.5	3.00	11.815
Houwtje Wayne Pauline De Kol 2d 175093, Fred Haller	2	1	0	366.5	3.19	11.675
Cinderella Cornucopia De Kol 175095, Fred Haller	2	1	0	320.8	3.57	11.459
Vinita Beatrice Segis 211041, E. L. Hotchkiss	2	5	10	274.9	4.12	11.337
Alliquippa Maid 4th 181672, M. B. Stevens	2	3	24	329.9	3.40	11.230
Morna Ormsby 2d 178875, J. F. Schmidt	2	5	2	329.4	3.37	11.115
Hengerveld Aaggie Fayne 193449, Leon J. Drew	1	9	11	310.3	3.57	11.065
Thelma Hengerveld De Kol 158123, Irving N. Rowe	2	4	28	326.9	3.35	10.959
Bessie Wayne Pontiac 171794, Isaac Stephenson	2	1	0	285.1	3.82	10.897
Fifteen-day record				602.2	3.79	22.794
Nanette De Kol Beets 196042, Geo. D. Wilson	2	0	11	312.1	3.46	10.805
Hailey Segis Twisk 171115, T. J. Bowlker	2	5	28	287.0	3.59	10.309
Elmview Ophelia Philpail Pontiac 171144, H. J. Shultz	1	11	0	360.4	2.85	10.282
Calamity Pontiac Hengerveld De Kol 190511, Hugh F. Ward	1	11	11	292.9	3.45	10.111
Wakefield Pietertje Netherland 195363, Geo. E. Van Hagen	2	1	20	307.6	3.27	10.082
Iowana Colantha Beauty 168905, Iowana Farms	2	3	11	277.2	3.63	10.076
Valdiva Ormsby 174155, Isaac Stephenson	2	4	11	235.2	4.24	9.967
Fifteen-day record				492.6	4.21	20.714
Houwtje Mechthilde Lass 199132, S. H. Munsell	2	0	4	307.4	3.18	9.790
Pauline Mutual Flora Paul 163334, Iowana Farms	2	4	19	282.6	3.43	9.704
Houwtje K. Pietertje 2d 186917, Geo. Weyeneth	2	1	3	301.9	3.20	9.675
Josephine Johanna of Elm Lawn 183172, P. J. Weter	2	1	12	292.8	3.25	9.525
Aaggie Cornucopia Pauline Lass 177997, A. J. Daugherity	2	2	26	290.4	3.28	9.522
Belle Monee 167107, P. J. Weter	2	0	23	299.6	3.18	9.513
Bertha Canary De Kol 169821, Hugh F. Ward	1	10	27	317.6	2.95	9.380
Duchess Ellice 202653, Henry S. Hale	2	1	28	298.9	3.12	9.326
Preble Lyons De Kol 158253, I. J. Focht	2	4	15	258.4	3.59	9.278
Myra Netherland of Cedarside 184690, C. A. Nelson	2	1	3	293.4	3.16	9.257
Paula Segis 184828, E. B Marks	2	1	11	319.2	2.87	9.152
Cloverdale Klondyke 177996, A. J. Daugherity	2	3	25	287.6	3.14	9.032
Iowana Colantha Mercedes 166772, Iowana Farms	2	0	9	281.5	3.17	8.930
Eliza Korndyke Hengerveld 184628, E. J. Brosious	2	0	19	254.3	3.49	8.871
Vinita Coral Segis 205714, E. L. Hotchkiss	2	0	9	329.7	2.60	8.569
Helen Taft of Cedarside 187725, C. A. Nelson	1	10	18	268.6	3.19	8.555
Edith Rose Mercedes De Kol 2d 204788, E. J. Brosious	2	2	13	302.0	2.83	8.545
Nettie Quoque Johanna De Kol 184762, W. S. Moscrip	2	0	22	275.4	3.09	8.514
Groveland Burke De Kol 179547, C. A. Nelson	2	0	6	284.0	2.95	8.373
Edna Beauty 2d 198209, E. B. Marks	1	11	17	332.5	2.49	8.281
Bessie De Kol Hengerveld Segis 175276, L. W. Durgan	2	4	5	256.4	3.22	8.245
Hartwood Johanna Hengerveld 165164, H. Stillson Hart	2	3	17	313.6	2.63	8.235
Beets Alexina Ormsby 159369, I. J. Focht	2	4	12	267.2	3.06	8.175
Arabella Hermana Ignaro 194272, M. M. Holdridge	2	0	21	272.9	2.99	8.161
Sadie Cornucopia Soldene 148433, Fay & Cloyes	2	2	12	242.0	3.27	7.908
Jessie Butter Girl De Kol 167095, Fay & Cloyes	2	3	4	257.8	3.06	7.899
Iowayside Segis Pontiac Neta 174128, W. C. Gleim	2	0	3	266.7	2.95	7.862
Liddisdale Mechthilde Hengerveld 163982, Iowana Farms	2	1	1	271.8	2.88	7.832
Maid of Myerdale 216757, F. R. Allis	1	10	28	274.1	2.85	7.809
Skylark Beauty DeKol of Cedarside 184691, C. A. Nelson	1	11	14	252.1	3.01	7.600

Auray Farms, Sparta, N. J., write: We are informed that Clorinda De Kol Artis, daughter of De Kol Clothilde Artis, son of De Kol 2d's Butter Boy 3d, has recently completed a remarkable official record of 27.20 lbs. with three quarters of her udder. This record, to the best of our information, is exceeded only by that of 28.32 lbs., made by Cleopatra Gelsche 2d, granddaughter of Prilly. Clorinda De Kol Artis is dam of K. P. Clorinda, whose son, King Segis Pontiac Clorinda, is junior sire at Auray Farms.

lin tested by an authorized State Veterinarian, and are guaranteed to be exactly as represented.

Knowing Mr. Klotz and his cattle as I do, I shall hope to see my friends profit by this opportunity.

* * *

Editors of the World,

Gentlemen: We are trying hard to keep up with the procession of breeders and have just bought a daughter of King of the Pontiacs, to add to our herd and we have a fine lot of granddaughters of King of the Pontiacs, only two yet in milk, one made 18.57 with a bad case of Hoof Ail, and the other is now in test and already has over 19 lbs., both as junior two-year-olds, and the last one freshened over two weeks ahead of her time.

Sales have been extra good with us, with only the small advertisement running in the World, we have shipped bulls to several different states, and could have sold many more if we had them, and we only have a few young bull calves on hand now.

C. H. Fitch & Sons
Burlington Flats, N. Y.

* * *

Brown Brothers, of Canton, N. Y., write advising that six heifers sold from their herd are now in official test, with records as 2-year-olds of 16 to 25 lb. butter in seven days. They also mention the recent purchase of a son of Pontiac Korndyke, six years old, whose daughters are making good. The dam of this bull is Blackness De Kol, a cow that has never given less than 10,000 lb. of milk a year since she was a two-year-old, and has produced as high as 18,000 lb. in a year. She is now twelve years old and Brown Brothers are confident of their ability to increase her official record above the 21 lb. with which she is already credited. A recent important sale from the herd was that of a son of Karel Korndyke to Boody McLennan & Co., of New York, who bought of Brown Brothers after having visited a number of prominent herds in this state.

* * *

Eugene La Munion, Solsville, N. Y., writes: I wish you would report the sale of Lockhart Segis to A. A. Hartshorn, Hamilton, N. Y., at $1400.00. This heifer was under two years old. Her dam, Lockhart De Kol, and her sire's dam, average 31 lb. butter in seven days at three years of age. I believe this heifer and her full sister are probably the only two heifers in the world whose dam and sire's dam average 31 lb. butter in seven days at three years of age. This heifer is bred to the King of the Black and Whites—the only bull in the world whose seven nearest dams average 31 lb. butter in seven days. Mr. Hartshorn expects her calf will be worth nearly as much as he paid for the heifer.

* * *

R. D. Smith, manager of Homewood Farm, Benson, Minn., writes: Our cows at Homewood are going through the winter in good shape and giving splendid flow of milk, the thirty head milking averaging about 43 lb. daily.

Regarding cows under official test, we are aiming to produce a good herd average rather than a few large individual records; with that end in view,

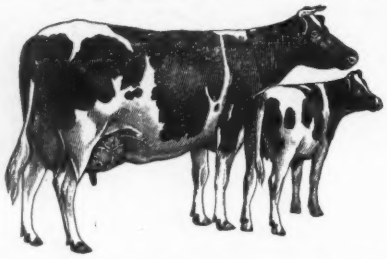
Size Of Fat Globules In Holstein Cows' Milk

You'll be interested in the conclusions reached by scientific stock feeders in regard to the significance of the size of fat globules in milk. The agricultural experiment station at Storrs, Conn., conducted a series of experiments to determine the relative food value of milk poor and rich in fat content, when fed to young growing animals. We quote conclusions as published in Bulletin 31:

"The failure of a pound of milk solids in rich milk to make equal or better gains than a pound of solids in the poor milk was not due apparently to lack of nitrogenous materials, but rather to the excess of fat, or to the character of the fat."

"Larger fat globules were formed in the richer milk, and this fact in connection with the digestive disturbances would seem to indicate the reason for the larger gains from a pound of solids with the poorer milk."

"Fat globules in human milk are smaller than those in cows' milk. If it is safe to reason by analogy from the brute to the human, then whole milk containing a low per cent of fat would seem to be better suited for infant feeding than whole milk high in per cent of fat."



In Holstein milk the fat globules are less than half the size of those in ordinary milk. This is only one of the advantages experts recognize.

Send for our free illustrated literature.

HOLSTEIN-FRIESIAN ASSOCIATION - BRATTLEBORO, VT.
Box 182

MARBLE VALLEY STOCK FARM

Sires in Service.

Fairview Korndyke Lad a son of Pontiac Korndyke and Pontiac Pet; butter 37.68, milk 590.70, per cent fat 5.10.

Inka Princess Mutual DeKol Son a son of Pontiac Paul and Inka Princess Mutual De Kol, butter 33.25, milk 711.90; 30 days, butter 128.73, milk 3145.3.

We offer bull calves by the above sires from A. R. O. dams, calves are from one to three months old. For price and pedigree write

J. H. MEAD & SON, West Rutland, Vt.

ON YOUR LAST CUTS DID THE ENGRAVER PAINT OFF THE HORNS OF THE BULL AND NOT KNOW IT?

If you have had trouble in getting good cuts of your Holsteins send them to me and tell me in cow language what you want to show and I will make the plates the way you want them for I have owned a few Holsteins myself.

C. F. TELLER, Pres.

ONONDAGA PHOTO-ENGRAVERS, INC.

220 West Onondaga Street Syracuse, New York

We make cuts for the Holstein-Friesian World.

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. Dam of calf, a 19-lb junior 2-year-old with a 76-lb. 30-day record. She is a granddaughter of KING OF THE PONTIACS. The sire, a grandson of King Segis, has a 31.63-lb. average for his two nearest dams. For price write

S. B. TAYLOR, CANASTOTA, N. Y.

JENNINGHURST STOCK FARM

TOWANDA, PA.

Home of RAG APPLE KORNDYKE the greatest son of Pontiac Korndyke, offers a few choice bull calves.

W. W. JENNINGS, Towanda Pa.

ST. LAWRENCE VALLEY FARMS

CONSTABLE, N. Y.

Herd sires—Prince Segis Korndyke 7th. Sire, Prince Segis Korndyke. Dam, Duchess Hengerveld, 24.90 butter 7 days at 4 years. Sir Fairview Manor Korndyke. Sire, Pontiac Korndyke. Dam, Fairview Manor Korndyke, 27.82 butter 7 days at 3 years, average per cent fat 4.49. Bull calves from A. R. O. dams for sale. tf.

R. C. WILSON & SON, Proprs.

we are testing every cow as soon as she freshens, and as these are mostly two and three-year-olds, we consider the results thus far obtained very satisfactory. Several cows and heifers have crossed the 20 lb mark with substantial margins.

Among these is Wisconsin Bess 5th, whose previous record was 22.85 lb. butter. This cow is nearly twelve years old and came back this winter and made 21.06 lb. butter and is now milking 53 lb. daily on twice-a-day milking. This kind of a record seems to me to be worth more than many high individual seven-day records. A cow that will produce nine living calves and in addition to this show such great ability and persistency at the pail, is a class well worth consideration.

* * *

F. C. & K. A. Overton, Adams, N. Y., write: The yearling bull we are advertising in this issue of the World is good enought to head a first-class herd, but will be sold at a bargain as we need the room. The first daughters of his sire to come into milk are making excellent records—16.24 to 22.31 lbs. as 2-yr-olds, and the lowest test on any of them thus far is 3.99 per cent. All the daughters of this sire are splendid individuals, and uncommonly promising. A son of such a bull, from a dam sired by Pontiac Korndyke Hengerveld, represents a wonderful combination of the best blood of the breed.

* * *

Alfred Rossington, Howell, Mich., writes that owing to the recent death of his wife he has decided to offer his entire herd of registered Holsteins at public auction on his farm near Howell, Mich.

The herd numbers twenty animals that are described by Mr. Rossington as being a fine lot of individuals. and we discover by an inspection of their pedigrees that they represent a considerable degree of A. R. O. backing. In the herd is the 23-lb. cow, Houwtje Mercedes Pietertje and two of her daughters, also a granddaughter of Pontiac Korndyke from a 22-lb. granddaughter of De Kol 2d's Butter Boy 3d.

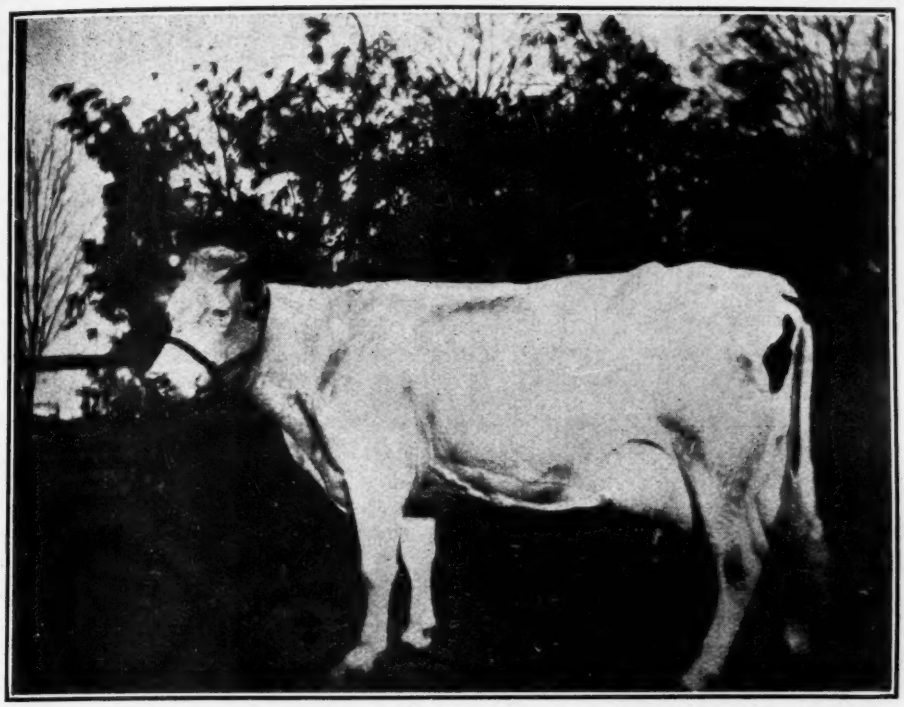
* * *

Winship & Schroeder, Owatonna, Minn., write: We have been doing more or less testing this season, but under very unfavorable conditions for us and the cows. However, Magaly Canary Mercedes 2d made 21 lb. in 7 days, she doing the best thus far. Expect to report something extra in a very short time, as we have added to our herd a daughter and granddaughter to Sir Johanna De Kol, which at the present writing look good to us. They are both in calf to son of Colanthat Johanna Champion and Cedar Lawn De Kol Johanna, the former world's champion 2-yr-old.

* * *

Towner Kent, Hedgelawn Farm, Patterson, N. Y., writes: I note what you say in the January 17 issue concerning the new foundation herd being gathered together by Mr. Dutcher and Mr. Warner. I will add that four of them came from Hedgelawn.

I have just finished a seven days test on Kookee De Kol, who produced 20.98 lb. butter, 580 lb. milk in seven days. One of her daughters, a 14-lb. 2-yr-old, was purchased by Mr. Warner for Mr. Dutcher.



A NEW 36-LB. RECORD

LIEUWKJE LYNFELD PLEASANT VALLEY KATE—Butter 7 days 6 yr, 36.15; butter 30 days, 131.24; butter 7 days 5 yr., 32.74. A daughter of Sir Woodcrest Korndyke Kate De Kol and Lieuwkje Pauline De Kol Wayne (30.47 lb.) Bred, owned and developed by A. R. Owen, Goshen, N. Y.

MEADOWVIEW STOCK FARM

offers bull calf born Dec. 1, 1913. Nicely marked (half and half), and an excellent individual.

His dam—a granddaughter of Johanna 2d's Lad, has a 17-lb. 7-day butter record.

His sire—a good grandson of Hengerveld De Kol, now in use in one of our herds, is from a 20-lb. 4-yr-old dam.

Pedigree and photograph on application. Price $100.00 on cars Edwards, N.Y.

WOODCOCK BROS., Props.
Edwards, N. Y.

FOR SALE

MONT AIRY STOCK FARM. 400 acres situated in Chemung County, N. Y., one and one-half miles from railroad station and trolley line. Stocked with Pure Blood registered Holstein cattle. For particulars inquire of owner—

N. M. COMPTON
P. O. Box 286. Elmira, N. Y.

A TWO-SIDED PEDIGREE

Is the heritage of this bull calf born January 10, 1914. A fine individual, large, and about two-thirds white.

Sire—Sir Segis Korndyke Walker No. 79712, a splendid grandson of Hengerveld De Kol and King Segis.

Dam—Bessie Korndyke Pontiac Bess No. 126637, a daughter of the $2000.00 bull, Pontiac Korndyke Hengerveld, who was by Pontiac Korndyke and from Pontiac Pleione, one of the best daughters of Hengerveld De Kol.

For a quick sale he is offered for $50.00, with all papers.
Address

W. B. JEWETT Evans Mills, N. Y.

WALKER LILITH ALTOANA

Only bull in the world whose dam's 2-yr-old and 3-yr-old records average over 30 lb. We offer a bull calf from a good granddaughter of King Segis.

HAROLD F. HUBBS, Kirkville, N. Y.

NOTICE!

KING KORNDYKE MAID has arrived at his home in the White mountains of New Hampshire. He has come to head the FAIRVIEW FARMS herd of Pure Bred Holsteins, which contains daughters of Pontiac Korndyke, Johanna Rue 3d's Lad, Konig Blanche Lyons, King Pontiac Artis, King Pontiac Pyrrha, Sir Korndyke Manor De Kol, Korndyke Pontiac Hengerveld Son, and other good ones. **King Korndyke Maid** Is one of the best bred bulls that could be bought, being sired by PONTIAC KORNDYKE, the greatest Holstein sire that ever lived, and from PONTIAC KORNDYKE MAID, who is also sired by PONTIAC KORNDYKE, from a 20.34 lb. daughter of Sir Pietertje Posch and Winana Beets De Kol (20.71), who has three granddaughters with records over 31 lb. PONTIAC KORNDYKE MAID has made 33.76 lb. of butter from 535 lb. of milk, test 5.05. The service to the "KING" for a few approved cows will be $100.

FAIRVIEW FARMS
RICHARD T. EASTMAN
LITTLETON, N. H.

WANTED—TO BUY

Pure bred Holstein cows, heifers and calves. Would buy a few or a whole herd. Write me just what you have, stating price, and if satisfactory will come and see you.

A. RISLEY
P. O. Box 240. Cleveland, Ohio

31-lb. Bull Calf

Born Dec. 12, 1913.

The records of his dam and sire's dam average:

Butter 7 days	31.18
Milk	572.45
Per cent fat	4.36

Individually O. K., and with a pedigree that speaks for itself. He is worthy of a place in almost any herd. For further information address

HUGH J. DAVIS
Broadalbin, N. Y.

Prince Korndyke Pontiac
No. 94632.
His full brother sold in public sale for $2,900.00.
Carries 75 per cent of the blood of Pontiac Korndyke.

Hilldale Gem Segis
No. 128550.

At 4 years—	
Butter 7 days	28.60
Milk	609.90
Milk 1 day	89.60
At 2 yr 10 mo—	
Butter 7 days	22.51
Milk	423.80
Butter 30 days	93.64
Milk	1774.70

Pontiac Korndyke
86 A. R. O. daughters—
11 above 30 lb.
38 A. R. O. sons

Pontiac Korndyke Maid

Butter	33.76
Milk	535.00

Daughter of Pontiac Korndyke.

King Segis Beets
22 A. R. O. daughters
12 with records of 20 to 31.53 lb.

Piebe Gem De Kol Vale

Butter 4 yr.	19.62
Milk	414.30
Dam of—	
Hilldale Gem Segis	4 y 28.60
Hilldale Vale Segis	2 y 20.43

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro Camillus, N. Y.

HOLSTEIN-FRIESIAN ADVERTISING

Buying or selling you may profit by our help in locating cattle or finding customers. A dozen years' experience enables us, with our up-to-date equipment, to give you the first hand information not to be found elsewhere: and also to handle in the most acceptable manner, livestock advertising, pedigree and catalogue work, and the management of public sales. E. M. HASTINGS, Holstein Advertising, Lacona, N. Y.

KEYSTONE FARMS

Offers a bull ready for service from a 19.-65-lb. dam, also bull calf, born Sept. 26, 1913, seven-eighths white, from a 22½-lb. dam. Sire, Prince Segis Korndyke, Jr., whose dam has a record of 109.6 lbs. milk in one day, and 719 lb. milk and 30.54 lb. butter in 7 days. For description and prices write

C. A. PRATT, LeRaysville, Pa.

WANTED—POSITION

April 1st as Herdsman or Manager, by young married man with experience in buying, selling, breeding, feeding, A. R. O. and pedigree work. Best references. State wages and all particulars in first letter. Address

Box 203
Hannibal, N. Y.

WELL DRILLING Machines

Over 70 sizes and styles, for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on sills. With engines or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.

WILLIAMS BROS., Ithaca, N. Y.

MAPLEMONT FARM

Offers a bull calf born last June. Sire Pontiac Korndyke 25982. Dam, a daughter of King Pontiac Artis 63994, butter at 1 year, 11 months, 14 lb. This calf is dark in color, a good individual and well grown. The first check for $600 will be accepted, f. o. b. cars here.

J. W. PRENTISS & SON
Alstead, N. H.

SPRINGVALE STOCK FARM

"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON
Rosendale, Wis.

THE TRAVERSE HERD

Bull calves for sale from Admiral Walker Colantha, whose four nearest dams average, butter 7 days, 32.83 lbs., 30 days, 131.85 lbs., and from Traverse Belle Lad, who is from a 30.115-lb. daughter of Pontiac Butter Boy.

Fifty-two A. R. O. cows in the herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengerveld Crown De Kol.

Write for pedigrees and prices. (tf.)

TRAVERSE CITY STATE HOSPIT.,
Traverse City, Michigan.

Baled Shavings for Stable Bedding

Low Prices

Cheaper than straw. A necessity in sanitary dairies. Best absorbent. Destroy odors. Improve manure. Write for carload price, delivered.

(Middle States) **(Eastern States)**

Oscar Smith & Son **New England Baled Shavings Co.**
ALBANY, N. Y. **ALBANY, N. Y.**

Prompt Shipments

GOING TO SELL

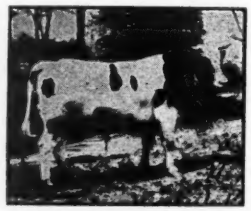
A 24-lb. cow that gives 13,000 lb. milk and freshened again in 11 months. She has two A. R. O. daughters ..... Price, $150.00
A 5-year-old cow with a 19-lb. dam ..... Price, $140.00
A 4-year-old cow just made 19 lb. ..... Price, $200.00
Want to sell 10 head. Short of fodder; drawing ensilage 6 miles. Now is your chance.

H. PERKINS & SON
Red Creek, N. Y.

LOCKHART HOLSTEIN FARM

Bull calf nicely marked, about four-fifths white. Dam—Lockhart Bessie De Kol 2d No. 150641. Senior three-year-old seven-day record: 24.85 lb. butter, 583.6 lb. milk. Thirty-day record: 101.8 lb. butter. Sire—King of the Black and Whites No. 83354. The only bull in the world whose seven nearest dams average over 31 lb. Service fee of this bull is $200.00. This calf is a beauty. Record just completed. If interested, write

EUGENE LA MUNION
Solsville, N. Y.



Chenango Valley Stock Farm

Herd headed by
PRINCE RAG APPLE KORNDYKE, No. 73415
Sire—Pontiac Korndyke.
Dam—Fairview Rag Apple Korndyke.

WHITMAN A. FOLLETT **North Norwich, N. Y.**

AT REASONABLE PRICES

Beautiful bulls—King of the Pontiacs, Pontiac Korndyke, Model Family, King of the Butter Kings, King Segis and other families, all from A. R. O. dams with high records. Individually they are unsurpassed in any stable in America. Also choice females. all ages. An exceptionally fine lot of heifers bred to the best bulls

E. A. POWELL, 904 W. Genesee St., Syracuse, N. Y.

HANDY HERD REGISTER

Dean Knickerbocker, Supt. of Jenningshurst Stock Farm, Towanda, Pa., says, "The Liverpool Sale & Pedigree Company's Handy Herd Register is the best and most convenient I ever saw. We ordered one October 15th, and will discard the system we have been using." You can get information regarding pedigrees, Handy Herd Register and other office conveniences for the breeder from the

LIVERPOOL SALE & PEDIGREE COMPANY, Liverpool, N. Y.

Three Grandsons of King of the Pontiacs

One year old and ready for service. Individually the very best. One is dark, two light colored. Sire is a son of King of the Pontiacs from a 25-lb. three-year-old, her dam a 22-lb. daughter of Hengerveld De Kol and full sister to the dam of our 37-lb. cow. Dams of these bulls all have official records and splendid backing. Must be sold before Feb. 23.

Send for pedigrees and prices.

STEVENS BROTHERS CO.

LIVERPOOL, N. Y.

Bull Calves From SIR PONTIAC ROXIE KORNDYKE

In breeding and individuality one of the best sons of Pontiac Korndyke. No. 10—Born Sept. 3, 1913; four-fifths white and a fine individual. Dam made 17.41 lbs. butter and 473.3 lbs. milk; is a Junior 3-year-old daughter of Alta Posch's Son. Price $100. We have several others from good A. R. O. dams. Write for pedigree or come to see us.

PEACEFUL VALLEY FARM

Oxford Depot, **Orange County** **New York**

FOR SALE—Must sell 15 or 20 pure-bred cows and heifers at once. Tuberculin tested and right in every way. Every cow in my herd a regular breeder. Some with A. R. O. records, well bred and good individuals. If you want that kind, come and see them.

J. G. HORNER Lamson, N. Y.

17 miles north of Syracuse on D. L. & W. Railroad.

A. R. O. TEST BOOKS

Do you have anything to show for the day by day production of your high record cows?

A business-like book for keeping eighty official records in detail. **Price $1.00**

If your cows are profit producers, it will show to best advantage on our heavy manilla daily record milk sheets.

Space for 15 or 20 cows . **50c** per doz.
" " 25 or 30 cows . **60c** " "
" " 35, 40 or 45 cows **75c** " "
We pay postage.

The Corse Press
Sandy Creek, N. Y.

HOLTSEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—VOLUME 24

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters, the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, lists of cows tested during that year with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others—$2.00, prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

Fountain Valley Herd Sale

50-Pure Bred Registered-50

Tuberculin Tested

Holstein-Friesian Cattle

To be Sold at Public sale

THURSDAY, March 20, 1914

at the

Fountain Valley Stock Farm

three miles east of Apple Creek, Wayne county, Ohio, on the C. A. C. R.R.

The offerings in the sale will include a very fine bull, sired by Pontiac Korndyke Hengerveld De Kol.

Seven grandsons and twelve granddaughters of Pontiac Hengerveld De Kol.

Also 30 head of cows and calves from 1 month to 6 years old.

Here you can get breeding of high quality and individuality unsurpassed at your own price.

Shall hope to see many familiar faces

Col. D. L. Perry
Auctioneer

Dr. C. R. Sprunger
Owner of Herd

RODGERDALE HOLSTEINS

FOR SALE—1 yearling bull from a 19.30 lb. dam; and bull calves sired by Sir Johanna Lady Korndyke No. 84720, his dam Pontiac Lady Korndyke 38.03. For price, etc., address

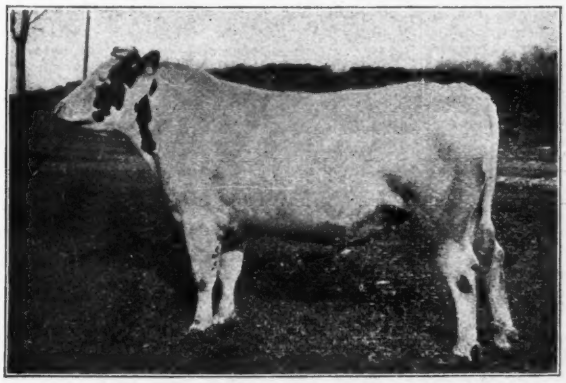
M. J. RODGER,
Hammond, N.Y.

TROUT BROOK HERD

Headed by King of the Pontiacs 4th, one of the best sons of his dad. Nothing for sale at present.

W. H. HORSTMAN, Schenectady, N.Y.

Korndyke Butter Boy, 38496



Successor to Pontiac Korndyke, at the head of the Davisdale Herd. Korndyke Butter Boy carries 87½% of the blood of the three greatest foundation cows of the breed—Belle Korndyke, De Kol 2d and Netherland Hengerveld.

Korndyke Butter Boy, individually splendid, and already in the front rank as an A. R. O. sire was secured especially to breed to our daughters of **PONTIAC KORNDYKE** and **KING OF THE PONTIACS.**

His daughters will not be for sale, but we have engaged this space for a year to tell you about his sons. If you are interested in the combination of breeding that no other herd can offer, write us, mentioning the World.

DAVISDALE FARM

H. B. DAVIS, CHESTER, Orange Co., N. Y.

Lacona Breeders

Henry Stevens & Son—ad. on back cover page.

KING OF THE PONTIACS. Pontiac Artis (31.71-lb.), Pietje 22d (31.62-lb.), Prilly (25.2-lb.), the "Queen of the Breed," Homestead Girl De Kol Sarcastic Lad, and the former world's champion 2-year-old, Woodcrest Aaggie Jewel, are all prominent in the pedigree of a December bull calf we are offering. He is evenly marked, and a nice straight individual. Price is VERY low. For full information address

H. A. Prescott, Bellevue Herd, Lacona, N. Y.

LACONA HERD, headed by Jewel Korndyke Butter Boy, a son of De Kol 2d's Butter Boy 3d from a 26-lb. daughter of Pontiac Korndyke, next dam a 30-lb. daughter of Hengerveld De Kol and full sister to Pontiac Artis, 31.71 lb., these two sisters averaging over 1000 lb. butter each in yearly test.

We have a few cows bred to the 44-lb. bull, Spring Farm Pontiac Cornucopia.

B. E. Mead, Lacona, N. Y.

WHEAT HILL HERD has just purchased Pleasant Hill Pontiac Veeman Wayne No. 70448, whose sire is Sir Korndyke Pontiac Artis, and whose dam is a 29-lb. 4-year-old daughter of Sir Veeman Hengerveld and the 26-lb. cow, Kate De Kol Wayne, who has three daughters with 4-year-old records averaging over 30 lb. Individually and in breeding he has few equals. Will soon be able to offer cows in calf to him at very attractive prices.

W. J. Snyder, Lacona, N. Y.

BROOKDALE HERD, two miles north of Lacona, is a breeder's herd, and has only its own surplus to offer. This herd was built up from good foundation stock purchased from Henry Stevens & Son, and has always been headed by high class bulls, the present herd sire being a son of King Pontiac Artis and from a 25-lb. dam. A few calves and heifers usually for sale.

J. D. Hagan, Mannsville, N. Y.

HOMESTEAD HERD. The blemished cows previously advertised are sold. We can now offer some extra nice young cows and heifers, right in every way, bred to Albina Butter Boy—the 29.7-lb. son of De Kol 2d's Butter Boy 3d. These are the profit producing kind. Their next calves will be worth nearly as much as we are asking for the cows themselves.

D. J. Hollis, Lacona, N. Y.

AT THE EDGE OF THE VILLAGE of Lacona is a herd worth looking into. Its members are fine individuals of considerable breeding, and many of its females have been bred to Henry Stevens & Son's great young bull, Spring Farm King Pontiac 6th. Next spring we may have some calves of this breeding to offer for sale.

Jay Bettinger, Lacona, N. Y.

Having Sold My Farm

will offer my herd, consisting of 7 pure bred cows (one bred to the 44-lb bull, Spring Farm Pontiac Cornucopia); 1 bull (a 25 lb. son of King Hengerveld Segis) just past a year old and a fine individual; and 6 excellent grade Holsteins. **Any or all will be sold at bargain prices.**

R. D. REYNOLDS, Lacona, N. Y.

SON OF THE 44-lb. $15,000.00 BULL—Spring Farm Pontiac Cornucopia. Dam is Jewel Johanna De Kol 2d, 102230. Has just completed a 7-day record of 21.76 lb. butter. Gave over 80 lb. milk in a day. Calf is 6 mo. old. The records of his dam and sire's dam average 32.97-lb. A bargain bull.

Colvin & Deshane, Richland, N. Y.

PINE RIDGE HERD is headed by Lord Korndyke 2d, 79255, who carries 50 per cent of the blood of Belle Korndyke, De Kol 2d and Netherland Hengerveld, the three greatest foundation cows of the breed. His twenty nearest tested dams average 25.2 lb. Watch this space for announcements of further offerings.

A. T. Blount, Lacona, N. Y.

SIR VEEMAN HENGERVELD

NO OTHER LIVING SIRE HAS AS MANY 30-LB. DAUGHTERS. NO OTHER SIRE, LIVING OR DEAD, WITH HALF AS MANY A. R. O. DAUGHTERS, CAN APPROACH THIS SHOWING WITH RESPECT TO PERCENTAGE OF EITHER 20-LB. OR 25-LB. DAUGHTERS

SERVICE FEE---For approved cows only, $100

OFFERING No. 2.

Another son of

SIR VEEMAN HENGERVELD

Born July 2, 1913. An exceptionally fine individual, nicely marked, two-thirds white.

Dam---Julia Hengerveld Veeman Korndyke A. R. O. at 2 yr. 6 mo.—Butter 14.41, Milk 356.40. This record was made in hot weather, and consequently is no measure of her capacity. One of her full sisters has just made 16.95 lb. at 2 yr.

She was by Sir Korndyke Pontiac Artis, and from a 17-lb. junior 2-yr.-old daughter of Sir Veeman Hengerveld and the great 25-lb. show cow, De Kol Princess Tricksy.

This calf, therefore, has a double combination of the blood of Sir Veeman Hengerveld, and has a two-sided pedigree strong in every line.

If we could show you Sir Veeman Hengerveld and his daughters and sons, we could sell you this calf for a lot more money than we are now asking for him. For price, etc., address

W. D. ROBENS

PLEASANT HILL HERD **POLAND, NEW YORK**

WORLD'S SIX LARGEST YEARLY RECORD HOLSTEIN-FRIESIAN COWS

LENGTH OF RECORD 365 DAYS

Name of Cow	Name of Breeder	Name of Owner	Age	Lbs. Milk	%Fat	Lbs. fat	Lbs. but.
Banostine Belle De Kol	Dan Dimmick	Dan Dimmick & Bro.	5 2 22	27,404.4	3.86	1058.34	1322.9
Pontiac Clothilde DeKol 2d	Eastern Mich. Asylum	Stevens Bros. Co.	6 10 24	25,318.0	4.02	1017.28	1271.6
High Lawn Hartog DeKol	Dan Dimmick	Dan Dimmick & Bro.	5 11 12	25,592.5	3.90	998.34	1247.9
Colantha 4th's Johanna	W. J. Gillett	W. J. Gillett	8 1 19	27,432.5	3.64	998.26	1247.8
Maplecrest Pontiac Flora Hartog	Dan Dimmick	Dan Dimmick & Bro.	5 2 1	25,106.3	3.92	986.11	1232.6
Daisy Grace De Kol	Dan Dimmick	Dan Dimmick & Bro.	4 3 13	21,718.3	4.43	962.8	1203.5

All are Holstein-Friesian Cows. They are all full aged cows except Daisy Grace De Kol, whose great record was made at the age of 4 years, 3 months and 13 days.

The combined yearly records of Banostine Belle De Kol, High-Lawn Hartog De Kol, Maplecrest Pontiac Flora Hartog and Daisy Grace De Kol are greater than the combined yearly records of any other four cows the world has ever produced.

We have bred, reared and developed twice as many of the six greatest yearly record Holstein-Friesian Cows as all the other breeders combined. The explanation is in the fact that "BLOOD WILL TELL."

THE MAPLECREST STOCK FARM CO.

SUCCESSOR TO DAN DIMMICK & BROTHER

Office at Kalamazoo, Mich. **Farms at E. Claridon, O.**

Telephone Connection Between Farms and Office. **Kindly Address All Correspondence to Kalamazoo, Mich.**

HULBURD, WARREN & CHANDLER

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CONSIGNMENTS AND ORDERS FOR SPOT AND FUTURE DELIVERY SOLICITED

CASH GRAIN DEPARTMENT
E. V. MALTBY, MANAGER

February 3, 1914

Mr. E. M. Hastings,
Lacona, N. Y
Dear Sir:

After considering the matter carefully since my conference with you, I have decided that, much as I regret to do so, it is best to sell my herd, because my other business demands so much of my attention, and I have wired you to this effect. The Sale can be held on the farm, as we talked on the 19th and 20th of March, and you may proceed to make the necessary arrangements without delay. List of animals will follow in the course of a day or two.

I have on hand, as you know, some 140 head, young stock and all. I have about 75 cows and heifers now in milk, some ten or twelve springing two year olds, that will freshen in March and April, and ten or twelve coming two year olds that are just being bred. Probably fifteen of the cows now in milk are coming three year olds. I have some eight or ten six year olds, sired by Prince Segis Korndyke. I have some eight or ten five year olds, sired by Manor Johanna De Kol.

Some thirty of my cows and heifers have A. R. O. records. My herd sire is Sir Tehee Cornucopia, a grandson of Aaggie Cornucopia Pauline. His two nearest dams average 30.84 lb. butter in seven days. My junior herd sire is a grandson of Colantha Johanna Lad.

I can sell a large number just now at private sale, but think with you it will be best to hold the herd together and dispose of the cattle all at one time

Yours very truly,

EVM-BG (Signed) ERNEST V. MALTBY

The above letter refers to Mokena Herd, at Mokena, Ill., thirty miles from Chicago on C., R. I. & P. R.R. (also near Marley, Ill., on Wabash R.R.). The herd is distinctly a BREEDER'S herd. Its dispersal cannot fail to constitute one of the greatest of the Spring sales—perhaps the greatest individual sale ever conducted.

Further information will be given in later issues.

Catalog, when ready, will be mailed to those who send in their names early.

E. M. HASTINGS, Sale Manager, Lacona, N. Y.

Spring Farm Herd

The Home of the $15,000 Bull

Spring Farm Pontiac Cornucopia No. 77172, and his full brother, **King Korndyke Pontiac Lass** No. 115585. and also **King Pontiac Konigen** No. 75348, a son of **KING OF THE PONTIACS** and from the great cow, Diona Konigen Pietertje with an A. R. O. record of 37 44 lb. of butter in 7 days from 661 6 lb. of milk; 154.16 lb. of butter in 30 days from 2652 10 lb. of milk; per cent fat 4.6; 103.2 lb. of milk in one day. This is the fourth largest 30-day record in the world. He has a full sister, K. P. Diona Pietertje, 20.23 lb in 7 days as a 2-yr.-old, 80.99 lb. in 30 days.

A few young bulls for sale sired by Spring Farm King Pontiac, the three-fourths brother of the dam of the 44-lb. bulls.

Service to insure a live calf $350 to the 44-lb. bulls, except for 30 lb. cows, which will cost $500 00.

Service to insure a live calf $150 to King Pontiac Koningen.

FRANCIS M. JONES

Oneida County **CLINTON, N. Y.**

MAPLEHURST FARMS

HOME OF

Lilith Altoana De Kol 3½ yr.	33.60
2½ yr.	27.08
Jacoba Hartog Canary 5 yr.	30.81
30 days	119.59
Canary Lilith Daisy 4 yr.	30.39
30 days	124.35
De Kol Boon Lilith 6 yr.	30.22
Lilith Altoana 5 yr.	28.99
De Kol Veeman Lilith 4½ yr.	28.29
Beryl De Kol Boon 6 yr.	27.57
30 days	110.93
60 days	196.56
Canary De Kol Susie 4 yr.	26.88
30 days	103.98
Lilith Beryl Altoana 6 yr.	26.30
Altoana De Kol Beryl 5 yr.	25.21
30 days	100.08
Lilith Canary Hartog 4 yr.	24.05
Walker Beryl Altoana 3 yr.	22.21
Walker Lilith Weigand 2 yr. 1 mo.	20.64
30 days	79.04
60 days	143.81
100 days	220.63
World's Record	
Walker Lilith Altoana 2 yr.	20.00

and many other cows with fine records.

We have a few bulls from high record cows for sale. Tell us your needs and we will send pedigrees and prices.

LAMB & LANGWORTHY **EAST HAMILTON, N.Y.**

A GOOD TIME NOW

TO COMMENCE MAKING YOUR PLANS TO ATTEND THE DISPERSAL SALE OF

HOMEWOOD HERD

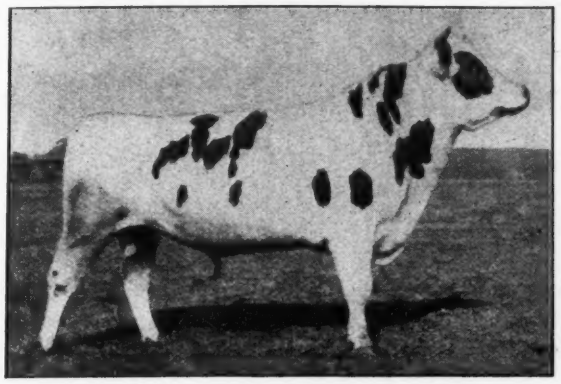
owned by W. C. Jewell, Kinsman, Ohio, to be held on Homewood Farm, April 28, 1914—the day following Wm. Bakody's Sale.

In Mr. Jewell's sale some 90 head will be offered, including 35 daughters of Dutchland Hengerveld Winana Boy, and twenty daughters of the senior sire who is by Paul Beets De Kol and from one of the good daughters of De Kol 2d's Butter Boy 3d.

Write early for catalog to

E. M. HASTINGS, Sale Manager,
Lacona, N.Y.

KING LYONS 71155



KING LYONS No. 71155. BORN MARCH 23, 1910

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9-year-old sire and grandsire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. Sire, COLANTHA JOHANNA CHAMPION 45674, a son of COLANTHA FOURTH'S JOHANNA. Butter, 7 days, 35.22 lbs. Her sons have sired the following world record heifers:

COLANTHA JOHANNA CHAMPION—the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a world record.
COLANTHA JOHANNA LAD, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22750.2 lbs. one year, a world record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6 lbs., one year, a world record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945.0 lbs. one year, a world record.

What more could you ask of the sons of any one cow?

The dams of the following 30-lb cows appear in the breeding of King Lyons:

Grace Fayne 2d Homestead 33.55
Colantha 4th Johanna 35.22
Betty Lyons Netherland 34.71
Blanche Lyons Netherland 34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons.

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. - - WM. B. SIMPSON, Supt.

KING LUNDE PONTIAC KORNDYKE

The Greatest Young Sire of the Breed

The ONLY son of King of the Pontiacs from a dam with a semi-official year record of 1090.91 lbs butter and 26192.7 lbs milk (over 13 tons). Nearly 102 lbs milk per day for 100 days.

Send for our new printed matter. It will give full description of him, also description and prices of some of the choice, richly bred, heavy producing, A. R. O. cows and heifers, we are offering, in calf to him.

We can offer a few of his sons from high record dams.

A visit to our farms will convince you of the superior merits of the Greenwood Herd and of its wonderful herd sire, KING LUNDE PONTIAC KORNDYKE.

E. H. KNAPP & SON, - - - Fabius, N. Y.

SPRING FARM KING AGATHA---Our new herd sire

Sire—Spring Farm King Pontiac	
Dam—Spring Farm Agatha Pontiac at 3 years, 1 month	30.67 lbs.
Dam's Dam—Agatha Pontiac, at 4½ years (world's record)	36.90 lbs.
Sire's Dam—Tweede White Lady, at 7 years	37.45 lbs.
Average	35.00 lbs.

He is the only sire of the breed whose three nearest dams average 35.00 lbs. of butter in 7 days. He is a grand individual, handsome and evenly marked.
Send for pedigree and photo.

WATKINS BROS. Camden, New York

A GREAT COMING EVENT!

THE AUCTION SALE FEB. 25th

CANTON, OHIO

DISPERSING OF THE GREAT HERD OF

75 REGISTERED HOLSTEINS 75

OWNED BY GEORGE A. KLOTZ, CANTON, OHIO

Consisting of Cows, Heifers, and Heifer and Bull Calves, bred and selected with great care for five years. Headed by one of the good sons of De Kol 2d's Mutual Paul. 11 fine grand. daughters of the King of the Pontiacs, without question the greatest sire living or dead.

A half brother to the sires of these heifers recently sold for $15,000.00. No one can estimate the value of these heifers. Granddaughters of Hengerveld De Kol, one of the greatest sires of the breed, with 116 A. R. O. daughters. Granddaughters of Pietertje Hengerveld Count De Kol, 98 A. R. O. daughters, 12 with milk records of over 100 lbs. milk per day. Granddaughters of De Kol 2d Mutual Paul and other great sires. Cows in calf to a 29-lb. son of King of the Pontiacs, others to a grandson of Colantha Johanna Lad, whose six nearest tested dams average over 30 lb. Others to a sire whose 8 near dams average 31.71 lb. Others to a good son of Pontiac Korndyke, making him brother to the first three 37-lb. cows, and King of the Pontiacs, sire of the 44.18-lb. world record cow, dam of the $15,000.00 bull. Tuberculin tested by an authorized State Veterinarian and sold under a positive guarantee to be strictly as represented. Sale will commence at 12 M. at the Klotz farm, 4 miles east of Canton, O. Fairhope stop, on Stark Electric line. Conveyance will meet you. A buyer's opportunity that should not be missed.

GEO. A. KLOTZ, Prop.,
Canton, Ohio

FRANK P. SUTLIFF, Sales Manager,
8604 Wade Park, Cleveland, Ohio

Green-Acre Farm

Offers for SERVICE their HERD SIRE

KING MASTER No. 117183

Born January 15, 1912

KING MASTER is one of the best bred bulls in the world. His sire, whose only daughter to be tested has a record of 23.39 lbs. as a senior 2-year-old, was sired by **Lord Netherland De Kol** and from the 27-lb. cow, **Susie Hengerveld De Kol.**

His dam, **Aaggie Pauline Sarcastic,** is one of the very few cows that have produced 36 lbs. of butter in seven days; she is an ideal cow individually, and comes from great transmitting ancestry.

The records of King Master's dam and sire's dam average:

Butter 31.98 Milk 525.95 Average fat 4.87.

Remember, his dam is a 36.35 cow; and his grandsire has more A. R. O. daughters and more producing daughters than any other sire, living or dead.

Service, to insure a live calf, $150.00.

Also a few young bulls for sale, sired by King Segis Champion No. 71546 (his dam a 36-lb. cow) and Lewis Prilly Rouble Hartog 2d No. 63777 (his dam a 30-lb. cow). The average of the two nearest dams of these calves are respectively 31.34 and 26.93 lbs. of butter. Address

JOHN A. MILLER or **CALVIN TOBIAS**

NAZARETH, PA. **R. F. D. No. 3, NAZARETH, PA.**

17th PUBLIC SALE

BREEDERS' CONSIGNMENT SALE CO.

190—HEAD—190
HOLSTEIN - FRIESIANS

SYRACUSE, N.Y.
March 25-26, 1914

...CONSIGNORS...

A. A. Cortelyou, Somerville, N.J.	30
John C. Sharpe, Blairstown, N.J.	25
Stevens Bros. Co., Liverpool, N.Y.	25
John Arfmann, Middletown, N.Y.	15
C. F. Hunt, Oran, N.Y.	25
Wing R. Smith, Syracuse, N.Y.	5
E. K. Munroe, Camillus, N.Y.	5
Melvin & Godfrey, Baldwinsville, N.Y.	10
A. L. Brockway, Syracuse, N.Y.	10
M. S. Nye, Preble, N.Y.	10
Bernhard Meyer, Finderne, N.J.	12
E. A. Vandervoort, Sidney, N.Y.	10
F. B. Loren, Central Square, N.Y.	5

The above list of consignors is sufficient guarantee of the quality of this sale.

The Breeders Consignment Sale has always had the reputation of being the greatest sale of the year.

This year Better than Ever.

For catalog or other information address

Liverpool Sale & Pedigree Co.,
LIVERPOOL, N.Y.

COMPLETE DISPERSION SALE
of Registered Holstein Cattle,
Tuesday, March 3, 1914, at 1 p.m.

Sale will be held at the farm one mile north and one mile east of the Village of Howell, Michigan.

OWING to the recent death of my wife, I have decided to offer my entire herd of registered Holstein cattle at public sale. They are a fine lot of individuals and are nicely bred. Several of the cows have good A. R. O. records. The herd consists of 12 females, among them being a granddaughter of Pontiac Korndyke, and 8 males, including my 2-yr-old herd bull, Oakdale Longfield King No. 92902, whose dam has an official record of 30.59 lb. butter in 7 days, 124.19 lb. in 30 days. All females of suitable age will be bred to him.

Howell is easily reached from north and south by the Ann Arbor R. R., and from east and west by the Pere Marquette R. R.

Send for Catalogue.

ALFRED ROSSINGTON,
Howell, Mich.

E. H. STILES,
Auctioneer.

FOR SALE!

YOUNG HERD BULL

With a Solid line of official backing. His conformation is perfect.

Color more white than black.

We guarantee this bull.

Bull Calves for Sale from A. R. O. Dams, and a Sire whose Dam's Sire has four daughters over thirty lbs.

Special prices to sell these calves in the next thirty days.

BELVOIR FARM, Lake Geneva, Wis.

Grandson of Korndyke Butter Boy

Ready for Service

Korndyke Walstra Butter Boy No. 117655.
Born Feb. 25, 1913.
Four-fifths white, well-grown, nicely marked, straight, and of excellent type.
Dam—a granddaughter of Aaggie Cornucopia Johanna Lad.
Price $150.
Write for pedigree and photo.

C. L. UPDIKE
Maple Grove Farm
R. 2, Seeley Creek, N. Y.

Milford Meadows Stock Farm

HOLSTEIN-FRIESIANS

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families. Developers under normal conditions. This year's crop of bull calves from A. R. O. dams, sired by 29.55 lb. bull, he sired by 34.96 lb. bull. Descriptions of calves and dams sent on application to business office

122 So. Michigan Boulevard, Chicago

THE 1914 GUARANTY SALE

SYRACUSE, N. Y., MAY 13-14, 1914

A continuation of a notable series,—The Midwinter Sale—The Dairymen's Sale—The 1913 Sale—The Dairymen's Guaranty Sale.

For the coming sale we can accept only GOOD animals that can be sold subject to the regulations governing the recent Dairymen's Guaranty Sale.

Still room for a few more consignments of this character.

E. M. HASTINGS, Sale Manager - Lacona, N. Y.

THE BLOOMINGDALE HERD SIRES

Johanna Rue 3d's Lad, Hengerveld De Kol, and King Fayne Segis form a splendid succession of sires. Our herd consists almost entirely of their descendents.

At present we have in service:

Prince Hengerveld Fayne, No. 77461.

He was by King Fayne Segis and from Princess Hengerveld De Kol, (33.61 lbs.), who was by Hengerveld De Kol and from a 23-lb. daughter of Johanna Rue 3d's Lad. The records of his dam and sire's dam average 34.59 lb.

Beauty Walker Pietertje Prince, No. 7421.

His sire was from a 32-lb cow and by the best son of Beauty Pietertje (30.51 lb.), the best daughter of the foundation cow, Prilly.

His dam, Marion Walker Pietertje (31.63 lb.), is the only 30-lb. cow in the world whose dam and both grandams are all 30-lb. cows.

His six nearest dams (all 30-lb. cows) have records averaging 31.65 lb.

In the past the Bloomingdale Sires have made good. We are content to base our future reputation on our present sires.

If you want to breed the money-making kind, secure a bull bred in the Bloomingdale lines.

Jacob Reger, Supt. Address **A. A. CORTELYOU, Prop.**
Belle Mead, N. J. **Somerville, N. J.**

GREATEST PRIZE WINNER OF THE BREED

Aaggie Cornucopia Johanna Lad, Jr., 36974, is the greatest prize winner and sire of prize winners of the breed. 36 A. R. O. daughters. Sons of all ages for sale. Others for sale:—A 24-lb. daughter of Paul De Kol and a choice 2-yr-old grandson of King Segis.

GRAHAMHOLM HERD HOLSTEIN-FRIESIANS

Address W. J. BOYNTON, Manager, Rochester, Minnesota.

HORNLESS HOLSTEIN-FRIESIANS

The only herd in the world, pure bred, naturally hornless Holstein-Friesian cattle, registered in the herd books and A. R. books of the Holstein-Friesian Association of America, first recognized by the association in Vol. 3, Bulls, page 28. I believe all the polled Holstein-Friesians in America are descendants of De Kol 2d.

During the last six months I have shipped polled Bull Calves all over the United States—Indiana, Colorado, Connecticut. Every customer is pleased.

One nice October calf, more white than black, A. R. O. dam, $100 crated f. o. b. express.

GEO. E. STEVENSON & SONS, Waverly, Pa.

Daughter of King of the Pontiacs

for sale. Born June 19, 1913. **well grown,** nicely marked, one-half each, black and white; from one of the good daughters of Earl Korndyke De Kol (a son of Belle Korndyke). Dam of calf has a 4-year-old A. R. O. record of nearly 18 lb., made the hottest week of last season.

Chances of this kind do not come every day. If you are trying to reach the top of the ladder, this heifer will interest you. Write for price to

BUSH & COVENEY

Maple Place Stock Farm **PALMYRA, N. Y.**

Rock Phosphate & Dairying Profits

Eighteen years of experiments at the Agricultural Stations of Illinois, Ohio and Pennsylvania show that the use of Rock Phosphate, at an annual cost of $1 per acre, will give increased crop yields of 10 bushels of corn, 15 bushels of oats and one-half ton of clover hay per acre.

If such an increase in feed crops are of interest to you, write us to-day for literature and prices on

Day Break Finely Ground Rock Phosphate

Ground Rock Department of Federal Chemical Company

300 W. 7th St., Columbia, Tenn.

27.6 lb. YEARLING BULL

Half white. Four of his nearest dams average 27.6 lb. Sire—Sir Maida Piebe De Kol, who was from a 29-lb. daughter of De Kol 2d's Butter Boy 3d, and by a sire whose two nearest dams are both 30-lb. cows. Dam—Mechthilde Parthenea De Kol 3d, 125558, a 19.41-lb. 3-yr-old daughter of Changeling Butter Boy, a full brother to Ready Change (31.16 lb.). Price $125.00.

GEO. F. BLEWER EST.,
Newark Valley, N. Y.

FOR SALE

Bull born Dec. 3, 1912; seven-eighth white, from an A. R. O. cow—a dandy. Bull born May 3, 1913, straight as a line, from a 22-lb. daughter of Butter Boy 3d. Write for price and pedigree to (tf.)

W. L. KEYES, Deerfield, N. Y.

KING SEGIS CHAMPION 71546

World's record average; first prize winner. Greatest breeding and individuality. Service fee $200. Send for plate and pedigree. Choice stock always for sale.

E. C. BRILL,
Stewartsville, Warren Co., N. J.

Yearling Korndyke Bull

Sir Segis Korndyke Walker 11th, born February 3, 1913.

Sire—Sir Segis Korndyke Walker (one of the best grandsons of Hengerveld De Kol and King Segis; his daughters are making records of 19 and 22 lb. as 2-year-olds).

Dam — Dark Duchess, an A. R. O. daughter of the $2000 sire, Pontiac Korndyke Hengerveld, he by Pontiac Korndyke and from Pontiac Pleione, who was one of the greatest producing daughters of Hengerveld De Kol.

This yearling is a fine individual, ready for service. We also offer some young bull calves of similar breeding.

THE OVERTON HERD

F. C. & K. A. OVERTON, Adams, N. Y

For Sale

Five extra choice tuberculin-tested heifers.

All out of A. R. O. dams; 2 have 23½ lb. dam. 4 bred to 28.99 lb. bull. All in pink of condition. Also would spare **an extra good A. R. O. cow,** or a 3-year-old **daughter of Paul Calamo Korndyke.** Grand Champion Bull at National Dairy Show and New York State Fair. If you want quality here it is.

THOMAS REESE
LINDEN, PA.

Alfalfa Hay

COLORADO IRRIGATED.

We ship only high-class hay.

GEO. R. WILSON, Lamar, Colorado.

FOR SALE

A 25-lb. bull ready for service, also a bull calf from a 20.336-lb. dam and one from a 17.5-lb. junior two-year-old heifer, and others with world's record blood on both sides. Address,

RELIANCE STOCK FARM

W. H. ASCOTT, Prop. **Sparta, Wis.**

ISLAND HOME FARM

Offers grandsons of Pontiac Korndyke, by Sir Beets Korndyke 91212. His dam, Fairview Beets Korndyke, has a record of 27.02 at 4 years. She is a sister to Pontiac Lady Korndyke, 38.08. Bulls are nicely marked and out of well bred A. R. O. cows. For further information write W. B. Dodds & Son, No. Hero, Vt.

RIVERSIDE STOCK FARM

Offers H.-F. bull calf born April 26, 1913. Sire, King Hengerveld Segis, whose dam and sire's dam average 30.91 lbs. in 7 days. Dam, Zerma Cornucopia, made 23.-175 lbs. at 4 years. Price $200.

A. W. BROWN & SONS
West Winfield, N. Y.

FINDERNE STOCK FARMS

HOME OF WORLD'S CHAMPION COWS—RECORDS FOR 1912

Valdessa Scott 2d is the first cow in the world that ever made over 40 lbs. butter in 7 days. She broke both the 7 and 30-day world's records by big margins. Her official records are, 41.875 lbs. butter from 695.1 lbs. milk, 4.84% fat. No cow living or dead, ever made within a half-pound of butter per day of this record. Her 30-day record is 164.27 lbs. butter from 2933.9 lbs. milk, 4.48% fat.

Name	Butter	Milk	%fat	Days		Butter	Milk	% fat	Days
Finderne Pietertje Johanna	35.103	637.9	4.40	7	(Jr. 3-yr)	141.90	2725.9	4.16	30
Wachusett May, 4 yr., 4 mo.	34.08	621.5	4.37	7		134.46	2689.5	3.99	30
						257.80	2536.5	3.94	60
Pauline Alexis, 10 yr. old	32.155	635.5	4.07	7		128.22	2629.8	3.99	30
						237.43	5235.0	3.63	60
Finderne Pride Johanna Rue	31.16	607.6	4.09	7	(Jr. 3-yr)	121.45	2535.4	3.83	30
Finderne Pontiac Netherland	28.26	567.5	3.98	7	(Jr. 2-yr.)	110.72	2329.4	3.80	30
Finderne Wayne Pontiac	25.69	462.6	4.42	7	(Jr. 2-yr.)	98.41	1959.6	3.99	30
Valdessa Ormsby	24.29	499.3	3.91	7	(3 years)	97.19	2018.9	3.87	30
Valdessa Ormsby De Kol	23.71	455.8	4.17	7	(Jr. 2-yr.)	92.19	1848.9	3.99	30

There are also many more cows here that have made very fine records.
We have a few bulls from high record cows for sale. For prices and pedigrees, address,

BERNHARD MEYER, FINDERNE, SOMERSET CO., N. J.

Ypsiland Farms

Home of Pontiac De Nijlander, the world's milk and butter champion for 7 and 30 days for 3, 4 and 5-year-old A. R. O. records, offer

BULL CALVES

from choicest bred dams with official records ranging from 20 to 35 lb in 7 days and to over 144 lb in 30 days, and sired by

YPSILAND SIR KORNDYKE DE KOL

whose first five daughters, all junior-two-year-olds, averagd over 20 lb. and over 4½% fat—a showing unequaled by any other sire living or dead.

There are none better at any price.

COLE BROTHERS COMPANY, Ypsilanti, Michigan

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STILL ANOTHER SATISFIED CUSTOMER

We recently received an order by mail from Geo. K. Logan of Woodstock, Va., and shipped him a son of our junior sire (a ¾ brother of **KING SEGIS PONTIAC ALCARTRA**) from one of our A. R. O. granddaughters of the **KING OF THE PONTIACS.**

He writes Dec. 24, 1913: "The young son of your great bull **KING SEGIS PONTIAC CLORINDA**, arrived safely as you guaranteed—he is certainly a beautiful individual and all you represented him to be. I am more than pleased and wish to say that I think your plan of shipping bull calves on approval, the fairest and most satisfactory that I know of."

(Signed) Geo. K. Logan.

On receipt of price we will ship one of our bull calves anywhere in the U. S. subject to inspection—if not entirely satisfactory, will promptly refund money, less return charges.

Auray Farms

F. M. AVERY I. M. AVERY

Sparta, Sussex Co., N. J.

"THE ASYLUM HERD"

We raised and developed Pontiac Korndyke and Hengerveld De Kol, and our herd chiefly consists of daughters and granddaughters of the above celebrated sires. Do you want a bull calf carrying this breeding? If so, send for pedigrees and prices.

PONTIAC STATE HOSPITAL, Pontiac, Mich.

COL. D. L. PERRY

THE HOLSTEIN AUCTIONEER.

I also sell satisfaction.

COLUMBUS, OHIO.

MAPLE RIDGE HERD

Has for sale a few bull calves from A. R O. dams, sired by our senior herd bull, **MAPLE RIDGE KING PONTIAC**, one of the best sons of **KING OF THE PONTIACS**, from a daughter of De Kol 2d's Butter Boy 3d, and the 31-lb. cow, Alcartra Polkadot Ormsby, we will price these calves so that they will sell, and will be glad to send pedigrees and prices to any one.

C. H. FITCH & SONS Burlington Flats, N. Y.

YOUR HOLSTEIN SALE
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Always on the job—for RESULTS.
In the box or in the ring.
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Yearling Bull for Sale

KORNDYKE ABBEKERK PRIDE
No. 113839

Born January 4, 1913.

Fine individual, light colored, and richly bred, combining the blood of Pontiac Korndyke, Hengerveld De Kol, Johanna Aaggie 2d's Lad, Pietertje Hengerveld's Paul De Kol and other noted sires.

Price $100.00

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FOR THE BOYS AND GIRLS
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A 36-lb. Average

Brothertown Farms offer a bull born December 23, 1913, whose two nearest dams average 36.32 lb. in seven days; 142.13 lb. in 30 days. The sire is the $15,000 son of the 44-lb. cow.

The dam is one of the best daughters of Hengerveld De Kol.

For pedigree and complete description address

QUENTIN McADAM
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To insure the success of your sale you need Kelley in the box.

For dates write

Col. B. V. KELLEY. Syracuse, N. Y.

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Posted on Holsteins and how to sell them.

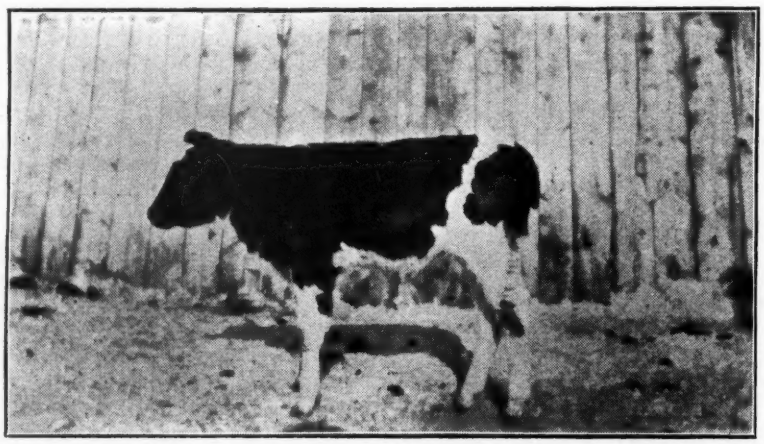
Write early for terms and dates.

Spring Farm King Pontiac 6th

now has six daughters and two sons. We don't own them, and we can't get a price on them, not even the sons. This surely indicates the owners' confidence in their intrinsic value.

Below is a snapshot of his first daughter; she will have a chance to show what she can do when the time comes. Her dam has given over 100 lb. of milk per day and nearly 25 lb. of butter in a week. She is surely a good cow.

Spring Farm King Pontiac 6th has more 44 lb. blood than any other bull, and this calf ought to make good. This snapshot shows her in the rough, but she is big and straight, broad and deep, with nice straight legs.



Now, suppose yon were going to send your best cow to some best bull—the logical way to raise your future herd sire—and suppose you should do this now and succeeded in getting a male calf. By the time his calves begin coming the first daughters of Spring Farm King Pontiac 6th will have had some chance for development and record-making—the commencement of history making for Spring Farm King Pontiac 6th. Then if your bull is a son of Spring Farm King Pontiac 6th, you will be like the farmer who has his fields all tilled for him, the seed planted and the crops cared for and turned over to him at the beginning of the harvest.

Come in for the harvest ; don't pick the gleanings. In other words—Be with a Comer. Now is the time, here is the place, and Spring Farm King Pontiac 6th **is the Bull.**

Fee $200.00 to insure.

Send for booklet to-day.

Our herd numbers 175 head of desirable animals. If in the market for good cattle come and see them.

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Brookside Stock Farm
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